Samsung GALAXY Tab® 2 10.1

ANDROID TABLET

User Manual

Please read this manual before operating your device and keep it for future reference.

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Samsung Telecommunications America (STA), LLC

Headquarters:
1301 E. Lookout Drive
Richardson, TX 75082

Customer Care Center:
1000 Klein Rd.
Plano, TX 75074
Toll Free Tel: 1.888.987.HELP (4357)

Internet Address:
http://www.samsung.com

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Section 1: Getting Started

This section helps you to quickly start using your device.

Understanding This User Manual

The sections of this manual generally follow the features of your device. A robust index for features begins on page 178.

Also included is important safety information, beginning on page 145, that you should know before using your device.

This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this manual assume that you are starting from a Home screen. To get to a Home screen, you may need to unlock the device. For more information, refer to *"Securing Your Device"* on page 14.

Note: Instructions in this manual are based on default settings and may vary from your device depending on the software version on your device and any changes to the device's settings.

Note: Unless stated otherwise, instructions in this user manual start with the device unlocked, at the Home screen.

All screen images in this manual are simulated. Actual displays may vary depending on the software version of your device and any changes to the device's settings.

Special Text

In this manual, some text is set apart from the rest. This special text is intended to point out important information, share quick methods for activating features, define terms, and more. The definitions for these methods are as follows:

- **Notes**: Presents alternative options for the current feature, menu, or sub-menu.
- **Tips**: Provides quick or innovative methods or useful shortcuts.
- **Important**: Points out important information about the current feature that could affect performance.
- **Warning**: Brings important information to your attention that can help to prevent loss of data or functionality or damage to your device.

Text Conventions

This manual provides condensed information about how to use your device. To make this possible, the following text conventions are used to represent often-used steps:

➔ Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures. For example:

From a Home screen, touch **Apps** ➔ **Settings** ➔ **Display** ➔ **Screen timeout**.

Battery

Your device is powered by a rechargeable, standard Li-Ion battery. A Wall/USB Charger (Charging Head and USB cable) are included with the device for charging the battery.

Warning! Use only approved charging devices. Approved accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

Battery Indicator

The Battery icon in the Status Bar shows the battery power level. When battery power is 15% or less, your device prompts you to charge the battery. If you continue to operate the device without charging, the device powers off. For battery use information, see *"About Device"* on page 144.

Tip: Touch the Time field to display battery charge status.

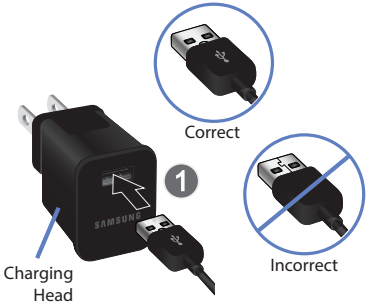
Charging the Battery

Your device comes with a Wall/USB Charger (Outlet Connector, Charging Head, and USB cable) to charge your device from any standard AC power outlet.

Note: The battery comes partially charged. You must fully charge the battery before using your device for the first time.

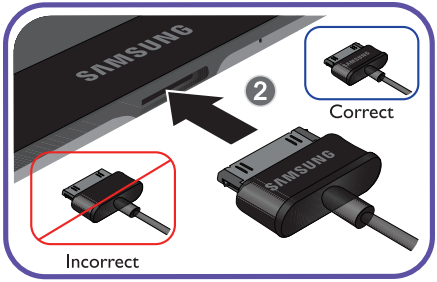
After the first charge, you can use the device while charging.

1. Insert the USB cable into the Charging Head (1).



2. Insert the USB cable into the device's Charger/ Accessory Port (2).

Warning! While the device is charging, if the touch screen does not function due to an unstable power supply, unplug the USB power adapter from the power outlet or unplug the USB cable from the device.



3. Plug the Charging Head into a standard AC power outlet.
4. When charging is complete, unplug the Charging Head from the power outlet and remove the USB cable from the device.

Note: You cannot charge the battery using the USB cable and your PC.

Note: If the battery is completely discharged, you cannot turn on the device, even with the USB power adapter connected. Allow a depleted battery to charge for a few minutes before you try to turn on the device.

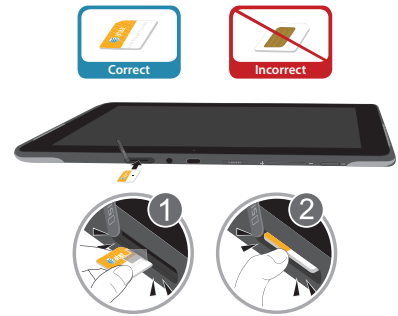
Installing the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many others features.

Important! The plug-in SIM card information and its contacts can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

- Carefully slide the SIM card into the SIM card socket (1) until the card locks into place (2). The illustration shows the screen facing up.

Caution! Make sure that the SIM card's gold contacts face downward and that the notched corner of the card goes in first.



Note: If the card is not inserted correctly, the device will not detect the SIM card. Re-orient the card back into the slot if the SIM is not detected.

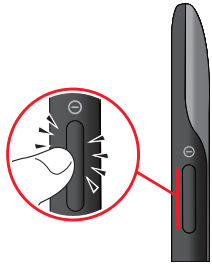
Turning Your Device On and Off

Turning Your Device On

- Press and hold the **Power/Lock Key** .

For more information, refer to *"Unlocking the Device"* on page 14.

Note: Your device's internal antenna is located along the top back of the device. Do not block the antenna; doing so may affect signal quality and may cause the device to operate at a higher power level than is necessary. For more information, refer to *"GPS Applications"* on page 89.



Turning Your Device Off

1. Press and hold the **Power/Lock Key** .
2. At the **Device options** prompt, touch **Power off**.
3. At the **Power off** prompt, touch **OK**.

Setting Up Your Device

When you first turn on your device, you are asked to set up a few things. To do that, the following screens display. Some screens can be skipped (touch **Skip**) or re-displayed (touch **Back**). Some screens display depending on the options you choose.

Let's Set Up Your Device

Use this screen to quickly and easily set up email accounts, import contacts, and configure Wi-Fi.

1. Touch **Español**, if desired. English is the default.
2. Touch **get started** to begin.

   – or –

   Touch **Remind Later** to set up your device later.

   To access this screen later, touch **Apps** ➔ **AT&T Ready2Go**.
3. Touch **exit**, if you do not have a SIM card installed. Internet access is required to continue.

4. Read and follow the instructions on each screen. Throughout the Ready2Go Setup Wizard you can do the following:
   - Touch **next** to view the next screen.
   - Touch **back** to re-display the previous screen.
   - Press **Home** to exit the Ready2Go Setup Wizard and return to the Home screen.
5. Once set up is complete, touch **exit**.

   Depending on your set up choices, some of the following screens may not display.

Creating a New Google Account

In order to utilize your device to the fullest extent, you will need to create a Google Account when you first use your device. With a Google Account, Google applications will always be in sync between your tablet and computer.

If you need to create a Google account, follow these steps:

1. From a Home screen, touch **Apps** ➔ **Gmail**.

   The **Add a Google Account** screen displays.
2. Touch **New** to create a new Google account.

   For more information, refer to *"Setting Up Your Gmail Account"* on page 48.

Retrieving Your Google Account Password

A Google account password is required for Google applications. If you misplace or forget your Google Account password, follow these instructions to retrieve it:

1. From your computer, use an Internet browser to navigate to http://google.com/accounts.
2. Once the URL loads, click on the **Can't access your account?** link and follow the on-screen instructions.

Using Google Maps

In order to use some applications related to Google Maps, you must first connect Wi-Fi. For more information, refer to *"Wi-Fi"* on page 113.

You must also enable location services to use Google Maps. Some features require Standalone or Google location services. For more information, refer to *"Location Services"* on page 127.

Task Manager

Your device can run applications simultaneously and some applications run in the background.

Use Task Manager to see which applications are running on your device and to end running applications to extend battery life. You can also uninstall applications from your device and see how much memory is used by applications.

Task Manager Pop-Up

The Task manager pop-up provides information about **Active applications** and includes a **RAM manager**. It also has a link to the Task Manager application.

To access the Task manager pop-up:

1. From a Home screen, touch **Mini App Tray** ➔ **Task manager**.

   The Task manager pop-up displays.
2. Touch the **Active applications** tab to view applications running on your device. Touch to end an application or **End all** to stop all running applications.
3. Touch the **RAM manager** tab to display the amount of Random Access Memory (RAM) currently in use.

   Touch **Clear memory** to clear inactive and background processes.
4. Touch in the top right corner of the Task manager pop-up to close the application.
5. Touch in the top left corner to display the Task Manager application.

Task Manager Application

The Task Manager application provides information about applications, inc uding **Active applications**, **Downloaded**, **RAM manager**, **Storage**, and **Help**.

To access the Task Manager:

1. Access Task Manager from the Task manager pop-up. For more information, refer to *"Task Manager Pop-Up"* on page 11.

   – or –

   Add the Active apps manager widget to a Home screen and then touch **Active applications** on the Active apps manager widget. For more information, refer to *"Widgets"* on page 29.

   – or –

   Touch **Navigation** and then touch **Task manager**.

2. Touch **Active applications** to view applications running on your device. Touch **End** to end an application or **End all** to end all running applications.
3. Touch **Downloaded** to view applications installed from Google Play. Touch **Uninstall** to remove an application from your device.
4. Touch **RAM manager** to display the amount of Random Access Memory (RAM) currently in use. Touch **Clear memory** to clear inactive and background processes.
5. Touch **Storage** to view internal (Device memory) and external (SD card) storage memory statistics.
6. Touch **Help** to view useful tips for extending battery life.

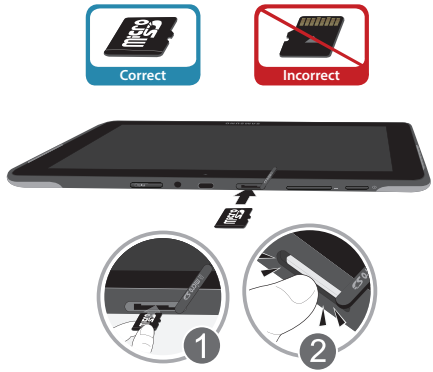
Memory Card

Your device supports removable microSD or microSDHC memory cards with maximum capacities of 32 GB (depending on the memory card manufacturer and type). Memory cards are used to store music, photos, videos, and other files.

Note: You can only store music files that you own (from a CD or purchased with the device) on a memory card.

Installing a Memory Card

1. Open the Memory Card Slot cover and turn to expose the slot.
2. With the gold contacts facing down, carefully slide the memory card into the slot (1), pushing gently until it clicks into place (2).
3. Replace the Memory Card Slot cover.

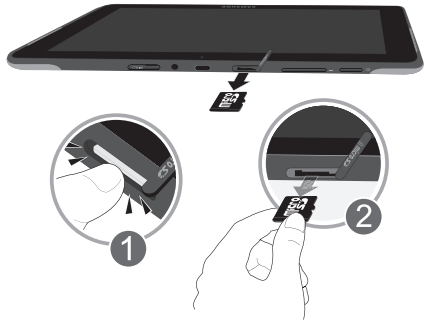


Removing a Memory Card

Important! To prevent damage to information stored on the memory card, unmount the card before removing it from the device.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Storage**.
2. Under **SD card**, touch **Unmount SD card** and then touch **OK**.
3. Open the Memory Card Slot cover and turn to expose the slot.
4. Gently press down on the memory card (1), so that it pops out from the slot, and carefully pull the card out (2).
5. Replace the Memory Card Slot cover.

   For more information, refer to *"Memory Card"* on page 88.



Galaxy Tab Accessories

To find accessories for your Galaxy Tab:

1. Go to http://www.samsung.com/us/mobile/galaxy-tab-accessories.

   Galaxy Tab accessories display.
2. Use your model number to find compatible accessories.

Securing Your Device

By default, the device locks automatically when the screen times out or you can lock it manually. You can unlock the device using one of the default Unlock screens or, for increased security, use a personal screen unlock pattern.

For more information about creating and enabling a Screen unlock pattern, see *"Screen Lock"* on page 128.

For other settings related to securing your device, see *"Location Services"* on page 127.

Note: Unless stated otherwise, instructions in this User Manual start with the device unlocked, at the Home screen.

Locking the device manually

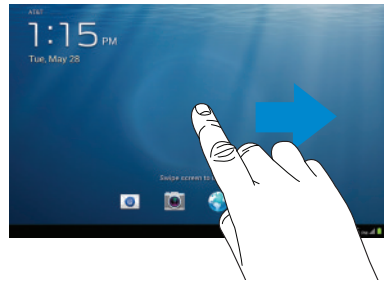
- Press the **Power/Lock Key** .

Unlocking the Device

1. Press the **Power/Lock Key** .

   The Lock screen displays.

2. Swipe across the screen as shown.



   The last screen you accessed displays.

Tip: Touch one of the app shortcut icons and then swipe to launch that application.

Note: You can customize the Lock screen and set the type of Screen Unlock you want to use (Face unlock, Pattern, PIN, or Password). For more information, refer to *"Lock Screen"* on page 128.

Troubleshooting

If your device has fatal errors, hangs up, or freezes, you may need to reset the device to regain functionality.

- If your device is frozen and unresponsive, press and hold the **Power/Lock Key** for 8 to 10 seconds.

Section 2: Understanding Your Device

This section outlines key features of your device and describes the screen and the icons that appear when the device is in use. It also shows how to navigate through the device.

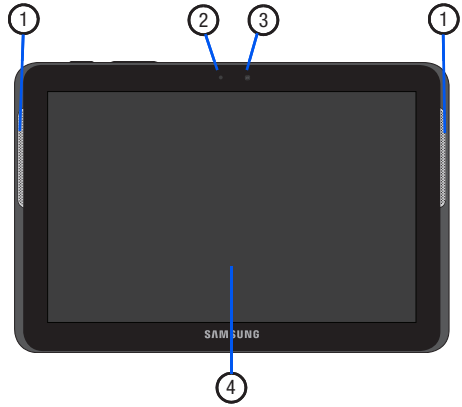
Features

- 10.1-inch WXGA (1280x800) TFT (PLS) LCD touch screen
- Android Version 4.1.2, Jelly Bean Platform
- Bluetooth 4.0 Wireless technology. For more information, refer to *"Bluetooth"* on page 115.
- Built-in Wi-Fi technology (802.11 b/g/n)
- 3.2 Megapixel camera and camcorder plus 0.3 Megapixel forward-facing VGA camera
- Full integration of Google applications (Gmail, YouTube, Google Maps, and Voice Search)
- Messaging Features:
  - Gmail
  - Email (corporate and personal)
  - Google Talk (Instant Messaging and Video Chat)
- Photo Gallery that supports GIF, AGIF, JPEG, PNG, BMP, WBMP, and WEBP formats
- HD Video Player (720p)
  - Codec: MPEG4, H.264, H.263, VC-1, DivX, VP8, WMV7/8, Sorenson Spark
  - Format: 3GP (MP4), WMV (ASF), AVI (DivX), MKV, FLV, WEBM
- DivX Certified® to play DivX® video up to HD 1080p, including premium content
- Supports HDMI/MHL connections to connect electronic devices to high-definition televisions (HDTVs) and displays.
- Music player that supports MP3, AAC/AAC+/EAAC+, WMA, OGG (vorbis), FLAC, AC-3 (only with video), and Vorbis formats
- 1GB RAM memory and 16GB on-board memory, which is used for data storage and access
- Support for microSD and microSDHC Memory Cards
- Preloaded applications such as AllShare Play, Google Play Books, Google Play Store, Polaris Office, and Samsung Media Hub. For more information, refer to *"More Application Information"* on page 34.

Warning! This device does not support some USB storage media devices. For more information, refer to *"Galaxy Tab Accessories"* on page 13.

Front View

The following items can be found on the front of your device as illustrated.

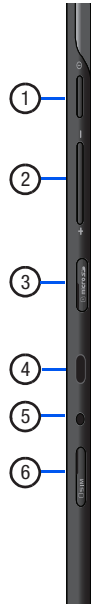


1. **External Speakers**: Used in music or video playback, notification tones, and for other sounds.
2. **Light Sensor**: Used to control screen brightness automatically and when taking photos with the front-facing Camera.
3. **Front-facing Camera Lens**: Used when taking photos or recording videos.
4. **Display Screen**: The orientation of the display screen rotates with the tablet as you turn it. You can turn this feature on and off. For more information, refer to *"System"* on page 140.

Top View

The following items can be found on the top of your device as illustrated.

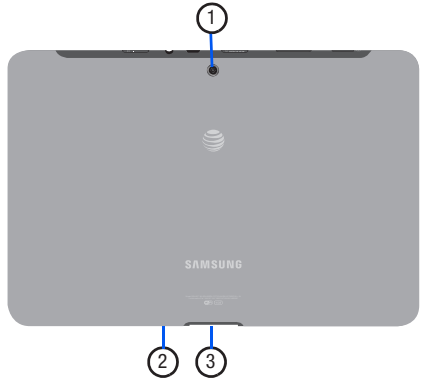
1. **Power/Lock Key**: Press and hold to turn the device on or off. Press to lock the device or to wake the screen for unlocking.
2. **Volume Key**: From a Home screen, press to adjust Master Volume. During music playback, press to adjust volume.
3. **Memory Card Slot**: Install a memory card for storage of files.
4. **Infrared Blaster**: Used to emit infrared signals used for controlling external devices. For more information, refer to *"Smart Remote"* on page 109.
5. **3.5mm Headset Jack**: Plug in for headphones.
6. **SIM Card Port**: Insert your SIM card here.



Back and Bottom Views

The following items can be found on the back and bottom of your device as illustrated.

1. **Camera Lens**: Used when taking photos or recording videos.
2. **Microphone**: Used for video chat.
3. **Charger/Accessory Port**: Plug in a USB cable for charging or to sync music and files.

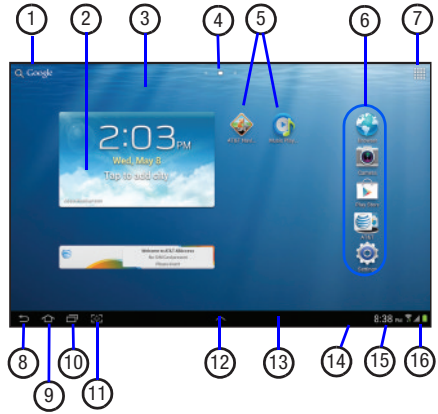


Home Screen

The Home screen is the starting point for using your device.

Note: Unless stated otherwise, instructions in this user manual start with the device unlocked, at the Home screen.

1. **Google Search**: Search the web by typing or speaking. For more information, refer to *"Google"* on page 99.
2. **Widgets**: Applications that run on the Home screen. Some widgets are found on the Home screen by default. For more information, refer to *"Widgets"* on page 29.
3. **Home screen**: The starting point for using your device. Place shortcuts, widgets, and other items to customize your device to your needs.
4. **Current screen**: Indicates which Home screen is being displayed. For more information, refer to *"Extended Home Screen"* on page 20.
5. **App Shortcuts**: Shortcuts to common applications. For more information, refer to *"App Shortcuts"* on page 30.



6. **Primary Shortcuts**: Shortcuts to common features. These shortcuts are found on the Home screen by default. For more information, refer to *"Primary Shortcuts"* on page 29.
7. **Apps**: Display the Apps screen.
8. **Back**: Return to the previous screen or option.
9. **Home**: Display the central Home screen.

10. **Navigation**: Open a list of thumbnail images of apps you have worked with recently. Touch an App to open it. Touch and hold to display the Apps screen. Touch and then touch **Task manager** to display the Task Manager.
11. **Quick Launch**: This softkey can be set to launch several different applications. The default setting is Screen capture. For more information, refer to *"Quick Launch"* on page 123.
12. **Mini App Tray**: Shortcuts to apps that you can use anytime, such as a calculator, email, and a music player. For more information, refer to *"Mini App Tray"* on page 32.
13. **System Bar**: The area along the bottom of the Home screen where you can find navigation buttons and icons that show notifications, battery power, and connection details.
14. **Notification Icons**: Presents icons to show notifications from the system or from an application. Touch a Notification Icon to display more detail. For a list of icons, see *"Status Bar"* on page 28.
15. **Time**: The current time. For more information, refer to *"Date and Time"* on page 140.
16. **Status Icons**: Indicate the status of your tablet. Touch the Time / Status Icons area to display the Status Details panel. For more information, refer to *"Status Bar"* on page 28.

Extended Home Screen

The Home screen consists of the Home panel plus additional panels that extend beyond the display width to provide more space for adding shortcuts and widgets. For more information, refer to *"Adding and Removing Home Screen Panels"* on page 21.

Slide your finger horizontally across the screen to scroll to the left or right side panels. As you scroll, the indicator at the top of the display shows your current position.

Note: The center panel displays when you touch **Home**.

Customizing the Home Screens

To customize the Home screens to suit your preferences:

1. Navigate to one of the Home screen panels.
2. Touch and hold on the screen until the **Home screen** pop-up displays.
3. Touch **Set wallpaper** to change the Home screen wallpaper. For more information, refer to *"Wallpapers"* on page 31.
4. Under **Add to Home screen** touch:
   - **Apps and widgets** to add app or widget shortcuts on the Home screen.
   - **Folder** to add a folder on a Home screen. For more information, refer to *"Folders"* on page 31.
   - **Page** to add a Home screen.

Display Settings

You can customize display screen settings to your preferences. For more information, refer to *"Display"* on page 122.

Adding and Removing Home Screen Panels

Your device comes with seven Home screen panels. You can customize the Home screen by removing or adding panels.

Note: The panel in the center position displays when you touch **Home**.

1. From a Home screen, pinch the screen from the left and right side to the center to display the editing screen.

   Tip: Touch and hold on the screen until the **Home screen** pop-up displays. Under **Add to Home screen**, touch **Page** to add a Home screen.

2. Use these controls to configure panels:

Remove: Touch and drag a panel to the Trash Can to remove the panel from the Home screen.

Add: Touch to add a new panel, up to a total of seven. This option is available when less than seven panels have been added.

Default Home Page: Touch the Home icon at the upper right corner of a panel to set it as the default home screen.

3. To rearrange the order of panels, touch and drag a panel to a new location.
4. Touch **Back** to return to the Home screen

Navigating Your Device

Use command buttons and the touch screen to navigate.

Command Buttons

Back

Touch **Back** to return to the previous screen, option, or step.

Note: When the on-screen keyboard is active, **Close Keyboard** displays.

Home

Touch **Home** to display the first center Home screen.

Navigation

Touch **Navigation** to open a list of thumbnail images of apps you have worked with recently. Touch an App to open it.

Touch **Delete all** to clear all thumbnail images.

Touch **Task manager** to display the Task Manager.

Screen Capture

- Touch **Screen Capture** to capture and save an image of the current screen to the clipboard. Touch and hold to capture an image of the current screen and edit the image, then touch **Save** to save the image.

Note: A copy of the screenshot is automatically saved to the clipboard.

To view the screen shots:

1. From a Home screen, touch **Apps** ➔ **My Files**.
2. Touch **sdcard0** ➔ **Pictures** ➔ **Screenshots**.
3. Touch a screen capture file to display it.

Note: This softkey can be modified to launch other applications. For more information, refer to *"Quick Launch"* on page 123.

Mini App Tray

Touch **Mini App Tray** to display shortcuts to apps that you might need while working in other apps. For more information, refer to *"Mini App Tray"* on page 32.

Other Buttons

Google Search

Touch **Google** to search the web.

Context-Sensitive Menus

Context-sensitive menus offer options for features or screens. To access context-sensitive menus:

- Touch **Menu** to display a list of options.
- Touch an option in the list.

Application Bar

The Application Bar is the area along the top of various application screens. It usually contains the Search and Menu icons, as well as other icons that are used to display options and settings.

Screen Navigation

Touch

Touch items to select or launch them. For example:

- Touch the on-screen keyboard to enter characters or text.
- Touch a menu item to select it.
- Touch an application's icon to launch the application.

Touch and Hold

Activate on-screen items. For example:

- Touch and hold a widget on the home screen to move it.
- Touch and hold on a field to display a pop-up menu of options.

Swipe, Flick, or Slide

Swipe, flick, or slide your finger vertically or horizontally across the screen. For example:

- Unlocking the screen.
- Scrolling the Home screens or a menu.

Pinch

Use two fingers, such as your index finger and thumb, to make an inward pinch motion on the screen, as if you are picking something up, or an outward motion by sweeping your fingers out.

For example:

- Pinch a photo in Gallery to zoom in.
- Pinch a webpage to zoom in or out.

Notifications

When you receive a notification, the Notification icon displays in the System Bar, to the left of the Time. Notifications indicate the arrival of Gmail, Email, alarms, and more.

Touch a Notification icon for more detail. For example, touch a Gmail Notification icon to see who sent the message.

Touch the Time field to display the Status Details panel and the Notifications list to view all of your current notifications. Touch a Notification in the list to display the item. For example, touch a Gmail entry to open the Gmail application and view the message.

Most apps that send notifications, such as Gmail and Google Talk, have individual settings that can be configured. See the settings for individual applications in the applicable section of this user manual.

Status Details

To display the current date and time, battery status, and Wi-Fi connectivity status, open Status Details.

1. Touch the Time in the Status Bar.

   The Status Details display. If you have any current notifications, their summaries are listed below the Notifications title.

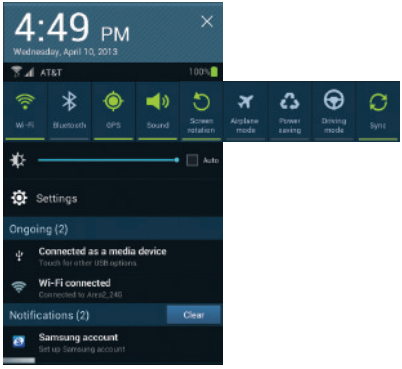
2. Touch a notification summary to respond to it.
3. Touch outside the Status Details screen to close the window.

Quick Settings

To view and control the most common settings for your tablet, as well as accessing the complete Settings application, open the Quick Settings panel.

1. Touch the Time in the System Bar.

   The Quick Settings pop-up displays.



Note: This pop-up displays both Status Details and Quick Settings and is referred to by both names in this manual.

2. Touch the time at the top of the pop-up to display a Date and time pop-up. Touch **Automatic date and time** or **Automatic time zone** to use network-provided date and time or time zone. Touch **Use 24-hour format** to enable the 24-hour format. Touch **Manual setup** to display the Date & time settings screen. For more information, refer to *"Date and Time"* on page 140.
3. The Quick Settings are:
   - **Wi-Fi**: Touch to enable or disable Wi-Fi. For more information, refer to *"Wi-Fi"* on page 80.
   - **Bluetooth**: Touch to enable or disable Bluetooth. For more information, refer to *"Bluetooth"* on page 84.
   - **GPS**: Touch to enable or disable Standalone GPS services. For more information, refer to *"Location Services"* on page 127.
   - **Sound / Mute**: Touch to enable or disable sound mode.
   - **Screen rotation**: When On the screen rotates automatically from landscape to portrait and vice versa. When Off the screen is fixed in the current mode, either portrait or landscape. For more information, refer to *"System"* on page 140.

Sweep the pop-up to the left to see additional settings.

- **Airplane mode**: Touch to enable or disable Airplane mode. For more information, refer to *"Airplane Mode"* on page 117.
- **Power saving**: When enabled, your device automatically analyzes the screen and adjusts the brightness to conserve battery power. For more information, refer to *"Power Saving Mode"* on page 125.
- **Driving mode**: New notifications are read aloud when enabled.
- **Sync**: Synchronizes your device with the network. Synchronizes contacts, email, time, and a variety of accounts.

4. Touch the **Brightness** slider and drag it to set the brightness or touch **Auto** to allow the device to set brightness automatically based on available light and battery charge status. For more information, refer to *"Brightness"* on page 122.
5. Touch **Settings** to open the Settings application. For more information, refer to *"Settings"* on page 113.
6. **Notifications** displays system notifications. Touch a notification entry to display the details. Touch **Clear** to remove Notification Icons from the System Bar. For more information, refer to *"Notifications"* on page 24.
7. Close the Quick Settings by touching **X** in the upper, right corner of the Quick Settings pop-up or by touching outside the Quick Settings screen.

Notifications display in the System Bar and, in some cases, under the Notifications heading in the Quick Settings to alert you to activity on the tablet such as new messages, application downloads, software updates, and more. The following table lists those icons.

System Alert: Check under the Notifications heading in the Quick Settings for alerts.

Download: An application or file is being downloaded or has been downloaded to the device.

Download Successful: A recent application download or update completed successfully.

New Email Message: You have new email. Touch Reply to view and answer the email.

New Gmail Message: You have new Gmail. Touch the icon for additional information.

Google Talk Invitation: Someone has invited you to chat using Google Talk.

Music Player: Music is playing. For more information, refer to *"Accessing the Music Player"* on page 60.

Music App: A song is playing in the Music app. Touch the Status Details to see the song title and music player controls. For more information, refer to *"Play Music App"* on page 62.

Wi-Fi networks available: An open Wi-Fi network is in range.

GPS Active: Displays when GPS is active.

Samsung account: Set up your Samsung account. For more information, refer to *"Signing In to your Samsung Account"* on page 138.

Software update: There is a software update available for this device. For more information, refer to *"Software Update"* on page 144.

Updates Available: Updates to the applications you have downloaded are available.

SIM Installed: A SIM card is installed in your tablet.

No SIM: A SIM card has not been installed in your tablet.

Signal Strength: Displays your current signal strength. The greater the number of bars, the stronger the signal.

Set up input methods: When the keyboard is being displayed, touch this icon to display a menu of quick keyboard settings.

Wi-Fi Direct: Displays when Wi-Fi Direct is active and your tablet is connected to another device. For more information, refer to *"Wi-Fi Direct"* on page 83.

Screenshot Captured: A screenshot has been captured. For more information, refer to *"Screen Capture"* on page 22.

Nearby Devices: The Nearby devices setting is enabled. For more information, refer to *"Nearby Devices"* on page 120.

Blocking Mode: Notifications for selected features are disabled. For more information, refer to *"Blocking Mode"* on page 121.

Event: This is a notification for one or more events. For more information, refer to *"Creating an Event or Task"* on page 96.

Navigation Active: The Navigation App is active. For more information, refer to *"Navigation"* on page 105.

USB Connected: Device is connected to a computer using a USB cable.

Status Bar

The Status Bar is part of the System Bar and displays icons to show network status, battery power, and other details.

Battery Level: Shown fully charged.

Charging Indicator: Battery is charging.

Device Power Critical: Battery has only three percent power remaining. At about 15 percent power remaining, a popup is displayed to remind you to charge immediately.

USB Connection Indicator: The device is connected to a computer using a USB cable, but it is not charging. The battery is only charged while connected to a computer, if the device is turned off. When the device is off, press the Power/Lock key to see the battery charging indicator.

Battery Fully Charged: When the battery is fully charged, this indicator is displayed.

Airplane Mode: Indicates that the Airplane Mode is active, which allows you to use many of your device's features, but it cannot access online information or applications.

Bluetooth Active: Bluetooth is turned on. For more information, refer to *"Bluetooth"* on page 84.

Bluetooth Connected: Your device is connected to a Bluetooth device.

Wi-Fi Active: Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

Alarm Set: Displays when you set an alarm to ring at a specified time. For more information, refer to *"Alarm"* on page 91.

Smart stay: Set the screen to stay on as long as you look at it. For more information, refer to *"Smart Stay"* on page 123.

Primary Shortcuts

Primary Shortcuts display on the main Home screen.

Tip: The main Home screen is usually the center Home screen.

The default Primary Shortcuts are: Browser, Camera, Play Store, AT&T, and Settings.

Other App Shortcuts

There are also other application shortcuts on the third Home screen, which are: Calendar, Contacts, Gallery, Maps, Music Player, Video Player, Zinio, Amazon Kindle, Smart Remote, and YouTube.

For more information, refer to *"More Application Information"* on page 34.

Application shortcuts can be added to any Home screen. For more information, refer to *"App Shortcuts"* on page 30.

Widgets

When you first turn on your tablet, there are various widgets on the center Home screen. They can also appear on the Home screens to the left and right of the center Home screen.

Widgets are self-contained applications that you can place on the Home screens to access your favorite features.

For more information, refer to *"Applications"* on page 89.

Adding Widgets to a Home screen

1. Navigate to the Home screen on which you want to place the Widget and touch **Apps**.
2. Touch the **Widgets** tab.

Note: Swipe across the screen horizontally to view all Widgets.

3. Touch and hold the widget's icon until the Home screen displays, then slide your finger where you want to place the icon and release it.

Note: There must be room on the screen where you want to place the widget, otherwise the widget will not add to the Home screen.

Removing Widgets

- Touch and hold the Widget until **Remove** displays, then drag the widget to the **Remove** icon.

Note: This action does not actually delete the Widget, it just removes it from the current Home screen.

App Shortcuts

Use App Shortcuts for quick access to applications or features, such as Email or other applications.

1. Navigate to the Home screen on which you want to place the App Shortcut.
2. Touch **Apps**.

   – or –

   Touch and hold on the screen until the **Home screen** options pop-up displays and then touch **Apps and widgets**.
3. Touch the **Apps** tab.
4. Touch and hold the application icon until the Home screen displays, then slide your finger where you want to place the icon and release it.

   For a list of applications, see *"Apps Screen"* on page 33.
5. Touch and hold the App Shortcut and then drag the application icon to reposition it on the Home screen.

Removing App Shortcuts

- Touch and hold the App Shortcut until **Remove** displays, then drag the App Shortcut to the **Remove** icon.

Folders

Place Folders on a Home screen to organize items together.

Adding Folders

To create a folder on a Home page:

1. Navigate to the desired Home screen.
2. Touch and hold on the screen until the **Home screen** pop-up displays and then touch **Folder**.

   The Create folder pop-up displays.
3. Touch the **Unnamed folder** field, use the keyboard to enter a name for the folder, and touch **OK**.

   A new folder displays on the Home screen.

Managing Folders

To rename a folder:

- Touch the folder, touch the current name, and use the keyboard to enter a new name for the folder.

To add an App shortcut to a folder:

1. Add the App shortcut to the Home screen that the folder is on.
2. Touch and hold the App shortcut, drag it to the folder, and drop it.

To remove an App shortcut from a folder:

1. Touch the folder to view the contents.
2. Touch the App shortcut, drag it out of the folder, and drop it on the Home screen.

Removing a Folder

- Touch and hold the folder until **Remove** displays, then drag the folder to the **Remove** icon.

Note: Any App shortcuts in the folder are also removed.

Wallpapers

You can choose a picture to display on the Home Screen, Lock screen, or on both the Home and Lock screens. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

1. From a Home screen, touch and hold on the screen.

   The **Home screen** options pop-up displays.
2. Touch **Set wallpaper**.

   The Set wallpaper pop-up displays.

3. Touch **Home screen**, **Lock screen**, or **Home and lock screens**.

   The **Select wallpaper from** pop-up displays the following options:

   - **Gallery**: Access the Gallery to select a photo. Touch a photo to select it. Crop and resize the picture, if desired. Touch **Done** to save the picture as wallpaper. Touch **Cancel** to cancel.
   - **Live wallpapers**: Choose from pre-loaded interactive animated wallpapers. Touch a wallpaper to see an example. If available, touch **Settings** to view options for the selection. Touch **Set wallpaper** to save your choice. Touch **Back** to return to the Live wallpapers menu.
   - **Wallpapers**: Choose from pre-loaded wallpaper images. Touch an image to view it. Touch **Set wallpaper** to save it as wallpaper. Touch **Back** to return to the Home screen.

Note: Live wallpapers is not available for the Lock screen.

Mini App Tray

There are shortcuts available that link to apps that you might need while working in other apps, such as Alarm, Calculator, Music Player, and so on. In some cases, these shortcuts are actually links to the part of the app you need most and they contain a link to the actual app where you can use other functions.

1. From any screen, touch **Mini App Tray** at the bottom, center of the screen.

   The Mini App Tray icons display.

2. Touch Edit to customize the Mini App Tray. For more information, refer to *"Customizing the Mini App Tray"* on page 33.
3. Touch one of the icons to display a mini app pop-up.

   The pop-up varies depending on the application. Various controls display at the top of the pop-up and a miniature version of the app displays in the body of the pop-up.

4. Touch items in the body of the pop-up, such as an email entry or keys on the Calculator.

5. Touch the top of an app pop-up and drag the pop-up to the desired position on the screen.
6. Touch to link to the application. For more information, refer to *"More Application Information"* on page 34. Touch to close the mini app pop-up.

Customizing the Mini App Tray

You can choose applications to display on the Mini App Tray and arrange them in any order

1. From any screen, touch **Mini App Tray** at the bottom, center of the screen.
2. Touch Edit.
3. Touch and drag apps in and out of the tray or to another position in the tray.
4. Touch **Done** to save your changes.

Apps Screen

The **Apps screen** displays all applications installed on your wireless device. Applications that you download and install from Google Play or from the web are also added to a Home screen.

The Apps icons are arranged in a customizable grid. To arrange the Apps icons in alphabetical order:

1. From a Home screen, touch **Apps**.
2. Touch **Menu** ➔ **View type**.
3. Touch **Alphabetical grid**.

To manually change the order of the icons on the Apps screen:

1. From a Home screen, touch **Apps**.
2. Touch **Menu** ➔ **Edit**.
3. Touch and hold an icon and drag it to a new position.
4. Touch **Save** to save the changes.

You can place shortcuts to applications on the Home screen for quick access to the application. For more information, refer to *"App Shortcuts"* on page 30.

To view your downloaded applications:

1. From a Home screen, touch **Apps**.
2. Touch **Downloaded applications** to view downloaded apps.
3. Touch an icon on the **Downloaded applications** screen to launch the application.

   – or –

   Add an App Shortcut to a Home screen by dragging the App icon onto the Home Screen. For more information, refer to *"App Shortcuts"* on page 30.

Application Information

To view information about an App, such as the amount of storage it uses, force the App to stop, uninstall updates, and clear data:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Application manager**.
2. Touch the **All** tab, scroll through the apps list, and touch the app to open a screen with details about the App.

More Application Information

For more information, refer to *"Applications"* on page 89.

In that section, each application that is available on the Applications screen is listed and described. If the application is also described in another section of this user manual, then a cross reference to that particular section is provided. Various widgets are also described.

Entering Text

Your device uses a virtual QWERTY keyboard for text entry called the *Samsung keyboard*. Use the keyboard to enter letters, punctuation, numbers, and other characters into text entry fields or applications. Access the keyboard by touching any text entry field.

You can also use voice input to speak your inputs.

The virtual QWERTY keyboard displays at the bottom of the screen. By default, when you rotate the device, the screen orientation updates to display the keyboard at the bottom of the screen.

Text Input Methods

Your device offers two text input methods.

- Google voice typing and
- Samsung keyboard.

You can set a default text entry method in Settings. For more information, refer to *"Keyboards and Input Methods"* on page 132.

1. Touch **Set up input methods** in the Status bar.

   The Set up input methods pop-up displays.
2. Touch an input method to activate it.
3. Touch to display that input method's settings.

For more information, refer to *"Keyboards and Input Methods"* on page 132.

Using the Samsung Keyboard

The Samsung keyboard is a custom virtual QWERTY keyboard, featuring optional predictive text. Input characters by touching the on-screen keys with your finger or use speech recognition.

You can enable predictive text, to have the Samsung keyboard match your key touches to common words and display them. Select a word from the display to insert it into your text.

Configuring the Samsung Keyboard

You can configure the Samsung keyboard to your preferences:

- Touch **Set up input methods** in the Status bar and then touch next to **Samsung keyboard** in the Set up input methods pop-up.

  – or –

  Touch and hold **Options** on the keyboard and slide to **Settings**.

  The Samsung keyboard settings screen displays.

For more information, refer to *"Configuring the Samsung Keyboard"* on page 133.

Entering Upper and Lower Case Letters

The default case is lower case (abc). Enter upper and lower case alphabet letters by touching the Shift key to toggle the case, before touching the letter key(s).

- Touch once to switch from abc to Abc mode.
- Touch twice to switch to ABC mode. When ABC mode is enabled, the Shift key background turns blue.

Entering Symbols and Numbers

The number keys are displayed at the top of the keyboard and are always available.

To enter common symbols, touch to switch to symbol mode, then touch the corresponding key.

There are two pages of symbols. Touch to switch to the next page.

Touch and hold a vowel key (A, E, I, O, U, or Y) or the C, N, or S key to open a small window where you can chose an accented vowel or other alternate letter. Slide to the letter until it is highlighted, and release.

Touch and hold the Period key (.) to open a small window with a set of common symbols.

Using Predictive Text

By using Predictive text, you can have next-letter prediction and regional error correction, which compensates for pressing the wrong keys on the QWERTY keyboard.

Note: Enable Predictive text in Samsung keyboard settings. For more information, refer to *"Configuring the Samsung Keyboard"* on page 133.

While entering characters, potential word matches display in the Predictive text area above the keyboard.

- Touch a word to insert it into your text.

Tip: Touch to display more words.

Using Google Voice Typing from the Samsung Keyboard

When you enable the Google voice typing setting, you can use your voice to enter text instead of the keyboard.

For more information about enabling Voice input, see *"Using Google Voice Typing"* on page 39.

Editing Text

You can edit the text you enter in text fields by cutting, copying, or pasting text. These operations can be performed within and across apps. However, some apps do not support editing some or all of the text displayed while others may offer their own way to select text.

Editing Existing Text

To edit text that you have entered:

1. Touch the text at the point you want to edit.

   The **Cursor** displays at the point you touched.
2. Touch and drag the **Cursor** to a better position, if necessary.
3. Enter additional text or delete text by repeatedly touching the **Delete** key.

Copying, Deleting, or Replacing Text

To select and copy, delete, or replace text:

1. Touch and hold the text or word you want to select.

   The selected text is highlighted with a tab at each end of the selection.
2. Touch and drag either tab to select more or less text.

Tip: Touch **Select all** in the Application bar to select all text in the field. Touch on another area of the screen or touch **Done** to deselect the text.

3. Depending on the action you want to take for the selected text, in the Application bar touch:
   - **Select all** to highlight all text in the field.
   - **Cut** to remove the selected text.
   - **Copy** to save the selected text to the clipboard.

   – or –

   Enter text by typing or speaking to replace the selection with what you type.

   – or –

   Touch the **Delete** key to delete the selected text.

Pasting Text

To paste previously copied text:

1. Touch the text at the point you want to paste the copied text.

   The **Cursor** displays at the point you touched.

2. Touch the Cursor.

   A pop-up displays.

3. Touch **Paste** in the pop-up.

To paste text directly from the clipboard:

1. Touch and hold **Options** and slide to **Clipboard** to display the text saved to the clipboard.
2. Touch a text block to paste that text where the **Cursor** is positioned.

Closing the Keyboard

To close the keyboard:

- Touch **Close Keyboard**.

Using the Handwriting Feature

You can enter text simply by using your finger to handwrite letters on your screen.

1. From a screen where you can enter text, activate the keyboard by touching a text input field on the screen.
2. If necessary, touch **Set up input methods** in the Status bar and then touch **Samsung keyboard**.

   The Samsung keyboard displays.

3. Touch and hold **Options** and slide to **Handwriting**.

   The handwriting pad displays.

4. Use your finger tip to write out each character.

Note: To properly recognize the written characters and to prevent scratching of the LCD, do not use script.

As you write, suggestions are offered in the word options area in case the correct letters were not recognized.

Handwriting Tips

- For uppercase letters, write the letter larger than the lowercase letters.
- Write a dash (horizontal line) to add a space.
- Delete words by sweeping backward across them.
- To display numbers and symbols, touch ?#+ and then touch a number or symbol key. Touch the button marked 1/3, 2/3, or 3/3 to see more symbols and emoticons. Touch × to exit the numbers and symbols keyboard.
- To return to the Samsung keyboard, touch and hold **Options** and slide to **Keyboard**.

Handwriting Settings

To change the Handwriting settings:

1. Touch and then touch next to Samsung keyboard to display Samsung keyboard settings.
2. Touch **Handwriting**.

   For more information, refer to *"Configuring the Samsung Keyboard"* on page 133.
3. Press repeatedly to return to your message.

Using Google Voice Typing

You can use your voice to enter text using the Google voice typing feature.

While entering text:

1. Touch **Set up input methods** in the Status Bar and then touch **Google voice typing** in the Set up input methods pop-up.

   – or –

   Touch on the keyboard.

   For more information, refer to *"Keyboards and Input Methods"* on page 132.
2. At the **Speak now** prompt, speak clearly and distinctly into the microphone.

   The software converts your voice to text, which is displayed in the message.
3. Keep speaking to add more text.
4. Touch **Done** to display the Samsung keyboard.

Section 3: Contacts and Accounts

This section explains how to manage contacts and accounts.

Accounts

Your device can synchronize with a variety of accounts. With synchronization, information on your device is updated with any information that changes in your accounts.

- **Samsung account**: Add your Samsung account. For more information, refer to *"Signing In to your Samsung Account"* on page 138.
- **Email**: Add an Email account to sync Contacts. For more information, refer to *"Email"* on page 49.
- **Facebook**: Add your Facebook account to sync Contacts.
- **Google**: Add your Google account to sync your Contacts, Calendar, and Gmail. For more information, refer to *"Gmail"* on page 48.
- **LDAP**: Add an LDAP account to find entries in an LDAP directory server.
- **Microsoft Exchange ActiveSync**: Add your Exchange account to sync Contacts, Calendar, and Email.

Setting Up Your Accounts

Set up and manage your synchronized accounts with the **Accounts** setting.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Add account**.
2. Touch the account type.
3. Follow the prompts to enter your account credentials to complete the set-up process.

   Your tablet communicates with the appropriate account servers to set up your account. When complete, your account displays in the **Accounts** area of the Settings screen.

Contacts

Store contact information for your friends, family, and colleagues to quickly access information or to send a message.

To access Contacts:

- From a Home screen, touch **Apps** ➔ **Contacts**.

Creating Contacts

Use the following procedure to add a new contact:

1. Touch **Contacts**.
2. Touch **Create.**

   The Save contact to pop-up displays.
3. Touch **Device**, **SIM**, or an account name.

   – or –

   Touch **Add new account** to add a different account. For more information, refer to *"Setting Up Your Accounts"* on page 40.
4. Touch the Contact photo to set up a photo to identify the contact.
5. Touch contact fields to display the keyboard and enter information:
   - Some fields have preset values. Touch the field and touch the desired value. For example, touch the Label tab and touch a label for the field.
   - Other fields have to be input. Touch the field and use the on-screen keyboard to input information.
   - Touching the check box next to some fields may make additional fields available.
   - Touch to add additional fields.Touch to remove an unused field. Also, touch **Add another field** to add other fields.
   - Touch the screen and swipe up or down to display additional fields or touch **Next** on the keyboard to move to the next field.
6. Touch **Back** to remove the keyboard.
7. When you finish entering information, touch **Save**.

   – or –

   Touch **Cancel** → **OK** to cancel and discard changes.

Tip: Display a contact's record and touch the **Email** field to send an email, the **Address** field to display the address on a map, or the **Website** field to link to the website.

Updating Contacts

To update an existing contact:

1. Touch **Contacts**.
2. Touch a contact in the Contacts list to view its information.

3. Touch **Edit**.
4. Continue entering contact information. For more information, refer to *"Creating Contacts"* on page 41.

Deleting Contacts

To delete a contact:

1. Touch **Contacts**.
2. Touch a contact in the **Contacts** list to view its information
3. Touch **Delete**.
4. At the prompt, touch **OK**.

Managing Photo IDs

To remove or update a contact's Photo ID:

1. Touch **Contacts**.
2. Touch a contact in the Contacts list to view its information.
3. Touch **Edit**.
4. Touch the Contact photo, then touch **Remove**, **Image**, **Take picture**, or **Pictures by people**.

Contacts Display Options

There are various ways to display your Contacts and general Contacts settings.

1. Touch **Contacts**.
2. Touch **Groups**, **Favorites**, or **Contacts**, above the Contacts List, to view contacts various ways:
   - **Groups**: Displays the possible Groups, such as Not assigned, Co-workers, Family, Friends, and so on. The number of contacts in the group is displayed next to the group name. Touch a group name to show only contacts in that group. For more information, refer to *"Creating a New Group"* on page 45.
   - **Favorites**: Show only your favorite, or starred, contacts. For more information, refer to *"Favorites"* on page 47.
   - **Contacts**: Show all your contacts. Touch the **Search** field and enter a keyword to list contacts that contain that keyword.
3. From the **Groups**, **Favorites**, or **Contacts** list, touch **Menu** to display the options for each grouping.
4. From the **Contacts** list, touch **Menu** ➔ **Settings** to display and manage Contacts settings.

Linked Contacts

Your device can synchronize with multiple accounts, including Google, Corporate Exchange, and other email providers. When you synchronize contacts from these accounts with your device, you may have multiple contacts for one person.

Linking, or *joining*, imported contact records allows you to see all the contact's numbers and addresses together in one contact entry. Linking also helps you keep your contacts updated, because any changes that your contacts make to their information in the respective accounts is automatically updated the next time you synchronize with the account.

Joining Contacts

1. Touch **Contacts**.
2. Touch a contact in the **Contacts** list to view its information.
3. Touch **Menu** ➔ **Join contact.**
4. Touch the contact you want to Join.

   The joined contact's information is displayed with the original contact's information.
5. Repeat Steps 3 and 4 to join other contacts.

Separating Contacts

1. Touch **Contacts**.
2. Touch a contact in the **Contacts** list to view its information.
3. Touch **Menu** ➔ **Separate contact.**

   A list of Joined contacts displays.
4. Touch ➔ **OK** to separate a joined contact.

   The contact is removed from the list.

Sharing Contact Information

You can send a contact's information by way of Bluetooth to other Bluetooth devices or in an Email or Gmail as an attachment.

Note: Not all Bluetooth devices accept contacts and not all devices support transfers of multiple contacts. Check the target device's documentation.

1. Touch **Contacts**.
2. Touch **Menu** ➔ **Share namecard via**.

Tip: Set up a contact record for yourself to share your information with others.

3. At the prompt, choose a sending method such as Bluetooth.
4. Follow the prompts to send the contact information.

Importing and Exporting Contacts

To back up and restore your contacts information, you can export your contacts list to a storage device, such as a PC, or import your contacts list (previously exported) from a storage device.

1. Use the USB cable to connect your device to the storage device.
2. Touch **Contacts**.
3. Touch **Menu** ➔ **Import/Export**.
   The Import/Export contacts pop-up displays.
4. Touch an option and then follow the prompts to complete the operation.

Synchronize Contacts with Accounts

To synchronize your contacts with an account:

1. Touch **Contacts**.
2. Touch **Menu** ➔ **Accounts**.
   The Sync settings pop-up displays.
3. Touch **Auto sync app data** to turn on auto-sync.
   Auto-sync controls whether changes made to information on your device or on your accounts are automatically synchronized with each other.
4. Touch an account to view it Sync Contacts setting.
5. Touch **Add account** to add a new account.
   For more information, refer to *"Setting Up Your Accounts"* on page 40.

Groups

Assign contacts to Groups to make searching for contacts faster or to quickly send messages to group members.

Creating a New Group

Create a new group when you add or edit a contact.

1. Touch **Contacts**.
2. Touch **Groups** above the Contacts List.
3. Touch **Create**.
4. Touch the **Group name** field and use the keyboard to enter a new Group name.
5. Touch **Save** to save the new group name.

Tip: Contacts can belong to more than one group. Just touch the contact's **Groups** field and touch each group.

Once you create a new group, the Contacts List can be set to display only the contacts in that group. For more information, refer to *"Contacts Display Options"* on page 42.

Renaming a Group

To rename a group that you created:

1. Touch **Contacts**.
2. Touch **Groups** and touch the group you want to rename.
3. Touch **Menu** ➔ **Edit**.
4. Touch the **Group name** field and use the keyboard to enter a new Group name.
5. Touch **Save** to save the new group name.

Deleting Groups

To delete a group that you created:

1. Touch **Contacts**.
2. Touch **Groups** and touch any group you want to delete.
3. Touch **Menu** ➔ **Delete groups**.
   The groups that can be deleted display.
4. Touch **Select all** or the name of each group to delete.
5. Touch **Delete** to delete the groups. Choose from **Group only** or **Group and group members**.

Adding Group Members

To add a contact to a group, just Edit a contact's Group field. For more information, refer to *"Updating Contacts"* on page 41.

To add multiple contacts to a group:

1. Touch **Contacts**.
2. Touch **Groups** and touch the group to which you want to add members.
3. Touch **Menu** ➔ **Add member**.

   The contacts that can be added display.
4. Touch **Select all** or the name of each contact to add.
5. Touch **Done** to add the contacts to the group.

Removing Group Members

To remove contacts from a group:

1. Touch **Contacts**.
2. Touch **Groups** and touch the group from which you want to remove members.
3. Touch **Menu** ➔ **Remove member**.
4. Touch **Select all** or the name of each contact to remove.
5. Touch **Done** to remove the contacts.

   Contacts are removed from the group and the group name is removed from each contact's **Group** field.

Favorites

Mark contact records with a gold star to identify them as favorites.

Adding Favorites

To add a contact to the Favorites list:

1. Touch **Contacts**.
2. Touch a contact to display it.
3. Touch the **Star** next to the contact name so that it turns gold .

Tip: You do not have to edit the contact to change the Starred status.

Accessing Favorites

You can view your favorites two ways for fast viewing or messaging.

To view your favorites list:

1. Touch **Contacts**.
2. Touch **Favorites** above the Contacts List.

   Only your starred contacts display.

Note: Touch **Groups** above the Contacts List and then touch **Starred in Android** to list the Favorites that are being saved on your Google account.

Removing Favorites

To remove one or more contacts from your favorites list:

1. Touch **Contacts**.
2. Touch **Favorites** above the Contacts List.
3. Touch **Menu** → **Remove from favorites**.
4. Touch **Select all** or the name of each contact to remove.
5. Touch **Done** to remove the contacts.

To remove one contact from your favorites list:

1. Touch **Contacts**.
2. Touch a contact to display it.
3. Touch the **Star** next to the contact's name so that it turns gray to remove it from the Favorites list.

Section 4: Messaging

This section describes how to send and receive messages and other features associated with messaging.

Types of Messages

Your tablet supports these types of messages:

- Email and Gmail Messages
- Google Talk
- Google+
- Messenger

Gmail

Send and receive email with Gmail, Google's web-based email.

To access Gmail:

- From a Home screen, touch **Apps** ➔ **Gmail**.

Setting Up Your Gmail Account

If you did not set up a Google account during the initial configuration, the first time you launch Gmail, your device prompts you to set up your Google account.

1. Touch **Gmail**.
   The Add a Google Account screen displays.
2. Follow the prompts to sign in or create a new account.
   The device communicates with the Google server to set up your account and synchronize your email. When complete, your Gmail displays in the Inbox.

Note: You can use more than one Google account on your device. To add another account, touch **Menu** ➔ **Settings** ➔ **ADD ACCOUNT**.

Refreshing Your Gmail Account

Refresh your account to update your device from the Gmail servers.

1. Touch **Gmail**.
2. Touch **Refresh** in the Application Bar.

Gmail Settings

Use the Gmail Settings to configure your Gmail preferences.

1. Touch **Gmail**.
2. Touch **Menu** ➔ **Settings** and follow the on-screen instructions.

Tip: Touch **Menu** ➔ **Help** for more information.

Composing and Sending Gmail

1. Touch **Gmail**.
2. Touch **Compose**, then touch fields to compose the message. While composing a message, touch **Menu** for options.
3. Touch **SEND** to send this message.

   – or –

   Touch **Menu** ➔ **Save draft** to save a draft of this message.

Email

Use Email to view and manage all your email accounts in one application.

To access Email:

- From a Home screen, touch **Apps** ➔ **Email**.

Configuring Email Accounts

You can configure Email for most accounts in just a few steps.

1. Touch **Email**.
2. The first time you set up an email account, at the Set up email screen, enter an **Email address** and **Password**, then touch **Next**.

   – or –

   For additional accounts, touch **Menu** ➔ **Settings** ➔ **Add account**.
3. Follow the on-screen instructions to set up your email account.
4. Touch **Next** to go to the next screen or touch **Previous** to go to the Apps screen.

Note: For Exchange ActiveSync accounts, the Activate device administrator? screen may appear. Read the information and touch **Activate** to continue.

5. Enter an account name and Your name, if required.
6. Touch **Done**.

   The device communicates with the appropriate server to set up your account and synchronize your email. When complete, your email appears in the Inbox for the account.

Note: To configure email account settings at any time, use **Menu** ➔ **Settings**. Touch the account to display Account settings.

Managing Your Email Accounts

You can view email you receive for all accounts in the **Combined view** screen or you can view email accounts individually.

1. Touch **Email**.
2. Touch the drop-down menu at the top left of the screen to select:
   - **Combined view**: View all email in a combined inbox.
   - <**Account Name**>: View email for the account.

Refreshing Your Email Account

Refresh your account to update your device from the Email servers.

1. Touch **Email**.
2. Touch **Refresh** in the Application Bar.

Deleting Email Accounts

To delete an Email account:

1. Touch **Email**.
2. Touch **Menu** ➔ **Settings** ➔ **Delete account**.

Email Settings

Use the Email Settings to configure your Email preferences.

Note: Available settings depend on the email provider.

1. Touch **Email**.
2. Touch **Menu** ➔ **Settings**, then touch **General Preferences**. The following options display:
   - **Auto-advance**: Set the screen to be shown after deleting a message.
   - **Message preview line**: Choose a message preview line amount.
   - **Email title**: Set whether the Subject or Sender of the email is shown as the time.
   - **Confirm deletions**: When enabled, Email will prompt you to confirm when you delete messages.
   - **Quick responses**: Edit text that you frequently use in email.
   - **Priority senders**: Enter email addresses that you want treated as a priority.
   - **Email notifications**: Enable or disable display of notifications for new emails in the Status bar.
   - **Select ringtone**: Choose a sound to play with new email notifications.
3. Touch an account to configure specific settings. Available options depend on the account.

Composing and Sending Email

1. Touch **Email**.
2. If you have multiple accounts set up, choose an account from the menu at the top of the screen.
3. Touch **Compose**, then touch fields to enter recipients and the email text.
4. While composing a message:
   - Touch displayed buttons to set Priority, Tracking options, Security options, and so on.
   - Touch **Attach** to add a file to the message. Available options depend on the type of email account.
5. Touch the body of the email to enter the text of your email. Touch the text option buttons to edit and format your message text.
6. Touch **Send** to send the message.

   – or –

   Touch **Save** to save the email to the Drafts folder.

Google Talk

Talk is Google's instant messaging and audio and video chat service. You can use it to communicate, in real time, with other people who also use Google Talk on another Android tablet or phone or on a computer.

Tip: Talk requires that you have a Google account set up on your tablet. To set up your Google account on your tablet, use the **Accounts** settings. For more information, refer to *"Accounts"* on page 137.

Open Talk and Sign In

1. From a Home screen, touch **Apps** ➔ **Talk**.

   If you are not signed in to a Google account, the Add a Google Account screen displays.

Note: If you have already set up your Google account, you are automatically logged in. Just touch the account.

   Once sign in is complete, the Talk main screen displays.

2. Follow the on-screen instructions to invite friends to chat.

   You can invite anyone with a Google Account to become your friend in Google Talk, so you can chat with each other and view each other's online status.

3. Touch **Menu** ➔ **Settings** to configure your Talk preferences.
4. Touch **Menu** ➔ **Help** to display additional help information.

Google+

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Messenger for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

1. Sign in to your Google account. For more information, refer to *"Setting Up Your Gmail Account"* on page 48.
2. From a Home screen, touch **Apps** ➔ **Google+**.

3. Select the account to use to sign in to Google+.

   – or –

   Touch **Add account** to create another account.

   The Enrich your contacts screen displays.

4. Follow the on-screen instructions to use Google+.
5. Visit www.google.com/mobile/+/ for more information.

Messages

AT&T Messages brings your texts, calls, and voicemail messages together into a single conversation thread and is accessible by phone or computer.

1. From a Home screen, touch **Apps** ➔ **Messages**.
2. Sign in to your Google account if you are not already signed in. For more information, refer to *"Setting Up Your Gmail Account"* on page 48.

Note: The first time you use the Messages app, download the updated application from the Play Store. When the Play Store page displays, touch **Update** ➔ **Accept** ➔ **Open**. For more information, refer to *"Play Store"* on page 107.

3. At the Welcome screen, read the information and touch **Continue** or touch **att.com/messages** for more information.

   The AT&T Messages sign in screen displays.

4. Touch **Register Now** to register for your AT&T Access ID, if you need one.
5. Enter your **ID** and **Password** and touch **Sign In**.
6. Follow the on-screen instructions to use the Messages application.

Messenger

With Google Messenger, you can bring groups of friends together into a simple group conversation, putting everyone on the same page. When you get a new conversation in Messenger, Google+ sends an update to your tablet.

To get started, touch the Messenger icon on the home screen of the Google+ app or use the Messenger icon on your Applications screen.

1. From a Home screen, touch **Apps** ➔ **Messenger**.

   The Messenger screen displays.

2. Sign in to your Google account if you are not already signed in. For more information, refer to *"Setting Up Your Gmail Account"* on page 48.

3. Select the account you want to use to sign in to Google+.

   – or –

   Touch **Add account** to create another account.

   The Enrich your contacts screen displays.

4. Follow the on-screen instructions to use Messenger.

Note: Uploading over a mobile network uses a data connection and charges may apply.

5. Touch **Next** or **PREVIOUS** to navigate through the Messenger screens.
6. Touch **Learn more** and then touch a topic to learn more about using Google Messenger.

Section 5: Multimedia

This section describes the various multimedia applications available on your tablet such as Media Hub, Music Player, Google Play Music, Video Player, Gallery, Camera, Camcorder, and Photo Editor.

For more information, refer to *"Applications"* on page 89.

Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. With hundreds of titles available at your fingertips, entertaining on the go has never been easier. You can rent or purchase your favorite content and conveniently watch anywhere. Featuring the stunning viewing quality Samsung is known for, Samsung Media Hub is your gateway to mobile video like you have never experienced it before.

Note: Media Hub service requires a Samsung account and depends on service availability.

1. From a Home screen, touch **Apps** ➔ **Media Hub**.
2. To rent or buy media, you must have a Samsung account. Touch **Menu** ➔ **Sign in** to sign in to your Samsung account or to create an account.

   For more information, refer to *"Signing In to your Samsung Account"* on page 138.
3. Browse content using these options:
   - **Home**: Displays What's New – recently-added titles for rent or purchase.
   - **Movies**: Movies you can rent or purchase.
   - **TV Shows**: TV shows you can rent or purchase.
   - **My Media**: Content you have previously purchased or rented.

4. When you find media you want to view, use these options:
   - **View trailer**: View a short clip from the movie or show.
   - **Buy**: Purchase the media for unlimited viewing on your device. Follow the prompts to enter payment details.
   - **Rent**: Purchase a time-limited download of the media. Follow the prompts to enter payment details.
5. For additional options, touch **Menu**.
   - **Contact us**: Contact customer support.
   - **My page**: Manage your purchases and payment methods.
   - **Settings**: Manage your devices and storage.

For more information, visit:

http://www.samsung.com/us/mediahub/

Media Hub Notices

- Any media item (Media Content) may be rented or purchased after you create an account in Media Hub.
- Media Content that is downloaded may be viewed concurrently on up to five (5) devices with Media Hub that are also registered to the same account.
- You may choose to remove a device from your account no more than once every 90 days.
- You may remove Media Content from a device as many times as you like. You will have the ability to re-download the Media Content at a later point in time subject to content re-download availability and studio permissions.
- You MUST be in network coverage to license Media Content you have acquired through the Service.
- You can use 3G, 4G, or Wi-Fi connectivity in order to download Media Content.
- Unlike purchased Media Content, rented Media Content will be viewable on only 1 device in your account.
- Media Content is downloaded and saved onto the SD card.
- Your Media Content may pause/stop or not download in networks where there is a weak signal.
- You may begin watching downloaded Media Content as soon as a) license acquisition has occurred and b) sufficient amount of the Media Content has been buffered.
- You must finish watching rented Media Content within 24 consecutive hours of start of playback.
  - Stopping, pausing, or restarting rented Media Content does not extend the available viewing time.

– In no event will rented Media Content be available for a period of more than thirty (30) days (or shorter on a title-by-title basis) after the Media Content has been rented (e.g., if you begin viewing rented Media Content on the 29th day after the rental transaction, but do not finish viewing the entire title, that rented Media Content may not be available for the entire twenty-four (24) consecutive hour period if such period would extend the viewable time beyond the thirty (30) day rental window).

- You cannot play any media content downloaded from Media Hub through any output on your mobile device, including All Share.

Music Player

Music Player plays songs stored on your tablet or an installed memory card.

To access Music Player:

1. From a Home screen, touch **Apps** ➔ **Music Player**.

   The Music Player application searches your device's internal storage or on an installed memory card for music and playlists. This can take from a few seconds to several minutes, depending on the amount of new music added since you last opened the application. It then displays your music in several ways.

2. Touch a tab, such as **Songs**, **Playlists**, **Albums**, and so on, to change the way you view the contents of your library.
3. Touch the Music application icon at the top-left of the Application bar to return to the previous Music screen.

Searching for Music

To find music in your library:

1. Touch **Music Player**.
2. Touch **Search** and use the keyboard to type the name of an artist, album, or song.

Music Player Options and Settings

To use Music Player options and configure settings:

1. Touch **Music Player**.
2. Touch **Menu** to display the following options:
   - **Delete**: Delete a song, an album, or every song or album.
   - **Share via**: Share your music. Select the songs you want to share, touch **Share**, touch an option, such as Email, and follow the on-screen instructions.
   - **Set as alarm tone**: Choose a song and touch **Set** to use the song as an alarm tone.

- **Scan for nearby devices**: Discover and connect directly to nearby devices.
- **Settings**: The following settings display:

  Advanced

  – **Sound settings**: Choose **SoundAlive** and **Play speed** settings.

  – **Lyrics**: Display the lyrics of the song, if available.

  – **Music auto off**: Set the option Off or set your music to turn off automatically by touching one of the time values.

  Music menu

  – **Music menu**: Enable or disable the music display options that appear on the main music screen. A check mark next to an option means that it is enabled.
- **End**: Close the Music Player app.

Managing Playlists

To create, manage, or delete a playlist:

- Touch **Music Player**.

Creating a Playlist

- Touch **Add to playlist** ➔ **Create playlist** and use the keyboard to enter a name for the playlist.

Renaming a Playlist

1. Touch the **Playlists** tab.
2. Touch a playlist, touch **Menu** ➔ **Rename playlist** and use the keyboard to enter a new name for the playlist.

Adding Songs to Playlists

1. Touch **Add to playlist** and touch a playlist.

   – or –

   Touch **Playlists**, touch a playlist, and then touch **Add music** or **Menu** ➔ **Add music** in portrait mode.

   All songs are displayed.
2. Touch next to each song you want to add or next to **Add all** to add all songs to the playlist.
3. Touch **Done** to save the playlist.

Removing Songs from Playlists

1. Touch **Add to playlist** and touch a playlist.
2. Touch to remove a song from the playlist.
3. Touch **Done** to save the playlist.

Changing the Order of a Playlist

1. Touch the **Playlists** tab and touch a playlist.
2. Touch **Change order** or **Menu** ➔ **Change order** in portrait mode.
3. Touch the grid for an entry and drag the entry to a new position in the list.
4. Touch **Done** to change the order and save the playlist.

Playing a Playlist

1. Touch the **Playlists** tab.
2. Touch **Favorites**, **Most played**, or **Recently added**, or touch a playlist title that you created.
3. Touch a song to start playing the playlist at that song.

Deleting a Playlist

1. Touch the **Playlists** tab and touch a playlist.
2. Touch **Remove** in the Application bar.
3. Touch the box next to a playlist title, touch **Remove**, and then touch **OK**.

Listening to Music

You can listen to music by using your device's built-in speakers, through a wired headset, or through a wireless Bluetooth stereo headset.

For more information, refer to *"Bluetooth"* on page 84.

Touch the **Volume Key** on the side of the device to activate on-screen volume control, then touch and drag on the scale to set volume. You can also press the Volume Key to adjust playback volume.

Playing Music

To play a song:

1. Touch **Music Player**.
2. Touch a song or touch an album or genre and then touch a song in the list of songs on the album.

   The song you touch starts to play. The tracks in the current list play in order until you reach the end of the list (unless you choose a repeat option). Otherwise, playback stops only if you stop it, even when you switch applications.

Accessing the Music Player

If you navigate away from the Music Player application and music is playing, the Music notification icon is displayed in the System Bar.

You can change songs or easily return to the Music Player:

1. Touch the Music notification icon in the System Bar.

   The Status Details pop-up displays.

2. Touch the song title to display the Music Player. You can also pause and resume playback and skip to the next or previous song in the panel. For more information, refer to *"Notifications"* on page 24.

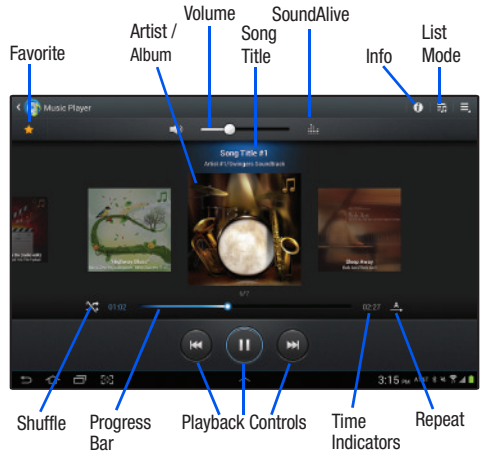
Music Player Controls

When a song is playing, the Music Player screen displays and various controls are available.

1. Touch **Music Player**.
2. Touch a song or playlist to begin playback.

   The music player displays below (portrait mode) or to the right (landscape mode) of the music listing.

3. Touch the music player to enlarge it and touch the screen to display the sound and playlist controls.



4. During playback, use the sound and playlist controls:
   - **Favorite**: Touch the star to mark the current song as a favorite.
   - **Volume**: Touch to toggle Silent and Sound mode, then touch and drag on the scale to set volume. You can also press the Volume Key on the side of the device to adjust playback volume.
   - **SoundAlive**: Touch to view and set SoundAlive options.
   - **Info**: Touch to view information about the current song.
   - **List Mode**: Touch to switch to the list of songs.
   - **Shuffle**: When enabled, songs play in random order. When disabled, songs play in the order they appear in List view.
   - **Progress Bar**: Touch and drag the end of the progress bar to scan forward or backward through the current song.
   - **Playback Controls**: These buttons control the playback of songs:
     - Touch to advance to the next song. Touch and hold to scan forward through the current song.
     - Touch to go back to the previous song. Touch and hold to scan backward through the current song.
     - Touch to pause playback. Touch to resume playback.
   - **Repeat**: Touch to repeat the current song, repeat all songs, or disable repeat mode.

Options While Playing a Song

There are various options and controls available while a song is playing:

1. Touch **Music Player**.
2. Touch a song, or an album and then a song.
3. Touch the music player to enlarge it.
4. Touch **Menu** to display the following options:
   - **Add to playlist**: Add the song to a new playlist or an existing playlist.
   - **Via Bluetooth**: Play the current song by using a Bluetooth device.
   - **Share via**: Share the current song. Touch an option, such as Email, and follow the on-screen instructions.
   - **Set as alarm tone**: Use the current song as an alarm tone.
   - **Scan for nearby devices**: Discover and connect directly to nearby devices.

- **Settings**: Displays Music Player settings. For more information, refer to *"Music Player Options and Settings"* on page 57.
- **End**: Close the Music Player app.

Play Music App

The Play Music app contains a music player that plays music and other audio files that you copy from your computer or store online.

Note: Some options described in this manual may not be available until you sign in to your Google account.

Google Play Music

Google Play Music is a new service from Google that gives you instant access to your personal music collection on the Internet and your compatible Android devices without the hassle of wires or syncing. For more information, visit music.google.com.

Accessing the Music App

To access Play Music:

- From a Home screen, touch **Apps** ➔ **Play Music**.

  The Play Music app searches your online library and your device's internal storage for music and playlists. This can take from a few seconds to several minutes, depending on the amount of new music added since you last opened the application.

Changing Library View

You can change the way you view the contents of your library.

1. Touch **Play Music**.
2. Touch the name of the current view, such as **Recent**, near the top-left of the Application bar.
3. Touch an option to set how you view your library.

   The choices are: **Recent**, **Albums**, **Artists**, **Songs**, **Playlists**, or **Genres**.

Play Music Menu

While viewing a Play Music main screen:

- Touch **Menu** for options.

To configure Play Music settings:

- Touch **Menu** ➔ **Settings**.

  Follow the on-screen instructions.

For more information touch **Menu** ➔ **Help**.

Play Music Options

Options are available for playing songs, albums, or playlists:

1. Touch **Play Music**.
2. Touch an album or song.
3. Touch the label area under an item to display options.

   Options display depending on the item view.

To play a song:

1. Touch **Play Music**.
2. Touch a song in your library to listen to it.

Shopping for Music at the Play Store

To visit the Google Play Store where you can find and buy music:

1. Touch **Play Music**.
2. Touch **Play Store** in the Application Bar.

   The Google Play Store music section displays.
3. Touch **Menu** ➔ **Help** to view information about finding and buying music.

Making Online Music Available Offline

In addition to playing the music that you add to your online library, you can play music stored on your device's internal storage. Then you can listen to music when you have no Internet connection. To do this, make some of your online music available offline.

Tip: You can also copy music directly from your computer to your device. For more information, refer to *"Synchronizing with Windows Media Player"* on page 87.

To make your online music available offline on your device:

1. Touch **Play Music**.
2. Change your library view to Albums, Artists, or Playlists. For more information, refer to *"Changing Library View"* on page 62.
3. Touch **Menu** ➔ **Choose on-device music** and touch the album or playlist you want to make available offline.
4. Touch **Menu** ➔ **Help** to view information about listening to music offline.

Video Player

Your device's 10.1-inch 1280x800 WXGA TFT (PLS) LCD screen provides playback of videos. Use Video Player to view and manage videos stored on your tablet.

1. From a Home screen, touch **Apps** ➔ **Video Player**.
2. Touch the **Thumbnails**, **List**, or **Folders** tab.
3. Touch **Search** and use the keyboard to enter a search term. The current folder is searched and results are displayed. Touch **X** to remove the search field.
4. While viewing the list, touch **Menu** for options:
   - **List by**: Display videos by Name (default), Date, Size, or Type.
   - **Share via**: Share the video. Touch an option, such as Email, and follow the on-screen instructions.
   - **Delete**: Touch videos to select them for deletion or touch **Select all** to delete all videos.
   - **Auto play next**: Touch to enable or disable automatic playing of videos in the order they appear.
   - **Scan for nearby devices**: Discover and connect directly to nearby devices.
5. Touch a video to play it. While playing a video, touch the screen to display or hide on-screen playback controls.
6. Touch the icon in the lower left corner of the display screen while the video is playing to change the Display Mode from original size to full screen in ratio or full screen.
7. Touch **SoundAlive** to set the sound quality to Normal, Voice, Movie, or Virtual 7.1 ch.

8. While the video is playing, touch **Bookmark** to mark your favorite areas of the video. A yellow mark displays on the progress bar.
9. During playback, press **More options** for options:
   - **Share via**: Share the video. Touch an option, such as Email, and follow the on-screen instructions.
   - **Chapter preview**: If chapter information is recorded in the video file, display the chapters. Touch a chapter to begin playing the video at that point.
   - **Trim**: Trim the original video or trim the video and create a new video.
   - **Via Bluetooth**: Turn Bluetooth on to use Bluetooth services.
   - **Bookmarks**: If bookmarks have been set for this video, a thumbnail and time are displayed for each bookmark. Touch to remove a bookmark.
   - **Video auto off**: Set the option Off or set your video to turn off automatically by touching one of the time values.
   - **Scan for nearby devices**: Discover and connect directly to nearby devices.
   - **Settings**: Touch this option to view the following:
     - **Play speed**: Touch and drag the slider to decrease or increase play speed.
     - **Subtitles**: View subtitles for the video, if available.
     - **Auto play next**: Enable or disable auto play of the next video.
     - **Capture**: Enable a button that can be used to capture screenshots during the video playback.
   - **Details**: Provides details about the video, such as Name, Size, Resolution, Duration, Format, and Date modified.

For more information, refer to *"Playing Videos"* on page 69.

Gallery

Use Gallery to view, capture, and manage photos and videos.

Note: Photos and videos are stored in the /storage/sdcard0/DCIM/Camera folder, photos as jpg files and videos as mp4 files. For more information, refer to *"My Files"* on page 103.

To access Gallery:

- From a Home screen, touch **Apps** ➔ **Gallery**.

Selecting Photos and Videos to View

1. Touch **Gallery**.
   All albums display.
2. Choose items to display by making selections from the menus in the Application bar: **Albums**, **Locations**, **Time**, **Person**, or **Group**.
3. Touch **Camera** to launch the Camera app.
4. Touch **Menu** to display the following options:
   - **Select album**: Touch one or more albums or groups that you want to share, stream to another device, or delete.
   - **Scan for nearby devices**: Discover and connect directly to nearby devices.
   - **View by**: View content from all sources or set a single source, such as in your device.
   - **Settings**: Set your account sync settings and limit syncing to only when your tablet is connected to a Wi-Fi network.

Viewing Groups of Photos and Videos

1. Touch **Gallery**.
2. Touch a category and then a group to view it.
   Thumbnails for each photo and video in the group display.
3. Touch **Camera** to launch the Camera app.
4. Touch **Slideshow** to view a slideshow of the available pictures and videos.
5. Touch **Menu** for these options:
   - **Select item:** Touch one or more items that you want to share, delete, or use for a slideshow.
   - **Group by**: Further group this group by Location, Time, Person, or Group, depending on the way you chose the group.

Viewing Photos and Videos

1. Touch **Gallery**.
2. Touch a category and then a group to view it, and then touch a photo or video thumbnail.
3. Touch the screen to show or hide Gallery options.
4. Touch the screen with two fingers or double-tap on the screen to zoom all the way in or out. For more information, refer to *"Pinch"* on page 24.
5. Sweep across the screen to display the next or previous photo or video. (Videos are indicated by the **Play** button.) The current photo or video is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the photo or video it represents.
6. To launch the Camera app, touch **Camera**.
7. Touch **Share** to share the photo or video. Touch an option, such as Email, and follow the on-screen instructions.
8. Touch **Slideshow** to view a slideshow of photos and video thumbnails in the group. Touch the screen to stop the slideshow and view the photo or video being displayed.
9. To delete the photo or video being displayed, touch **Delete**.
10. Touch **Menu** to display the following options for photos:
    - **Face tag**: Set whether to look for a face in this picture.
    - **Copy to clipboard**: Copy the current photo to the clipboard.
    - **Rotate left**: Allows you to rotate the photo counterclockwise 90 degrees.
    - **Rotate right**: Allows you to rotate the photo clockwise 90 degrees.
    - **Crop**: Allows you to crop the image. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Done**. Touch **X** to stop without cropping the photo.

- **Edit**: Use Photo Editor or Video Editor to edit your photo or video.
- **Set as**: Assign the photo as a Contact photo or a Home screen, Lock screen, or Home and lock screens wallpaper.
- **Buddy photo share**: Detect the face in this picture and email that person.
- **Print**: Print the current photo to a Samsung printer.
- **Show on map**: This option displays if a Location exists for the photo. A Location is added to the photo if **GPS tag** is set **On** in the Camera settings. Touch this option to open the Map app and display the Location where the photo was taken. For more information, refer to *"Camera Settings"* on page 71.

Caution! Be aware that your location may be present on a photo when posting your photos on the Internet.

- **Rename**: Enter a new file name.
- **Scan for nearby devices**: Discover and connect directly to nearby devices.
- **Details**: Provides details about the photo, such as title, time taken, size, and so on.

Note: Photos are stored in the /storage/sdcard0/DCIM/Camera folder as jpg files. For more information, refer to *"My Files"* on page 103.

There is only two options for videos that are not playing:

- **Rename**: Enter a new file name.
- **Details**: Provides details about the video such as title, time recorded, duration, and so on.

For menu options while a video is playing and other video options, see *"Video Player"* on page 64.

Note: Videos are stored in the /storage/sdcard0/DCIM/Camera folder as mp4 files. For more information, refer to *"My Files"* on page 103.

11. Press **Back** to return to the category screen.

Setting a Picture As

You can use the photos you take as a contact's photo or as wallpaper for the Home or Lock screen:

1. Touch **Gallery**.
2. Touch a category and then a group to view it, and then touch a photo to select it.
3. Touch **Menu** ➔ **Set as**.
4. Touch **Contact photo** and then touch a contact entry.

   – or –

   Touch **Home screen**, **Lock screen,** or **Home and lock screens**.

   A crop photo screen displays.
5. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Done** to save the cropped photo as the contact's icon or wallpaper. Touch **Cancel** to stop without cropping the photo.

Tip: To remove a contact photo, see *"Updating Contacts"* on page 41.

Tip: To change wallpaper, see *"Wallpapers"* on page 31.

Playing Videos

1. Touch **Gallery**.
2. Touch a category and then a group to view it, and then touch a video thumbnail to play the video.

Note: Videos are marked with a **Play** button.

3. To pause the video, touch **Pause**.
4. To resume playing the video, touch **Resume**.
5. To fast forward or rewind the video, touch and drag the white dot on the progress bar. To restart the video, touch the left end of the progress bar. To end the video playback, touch the right end of the progress bar.

   – or –

   To restart the video, touch **Rewind** or to end the video, touch **Fast Forward**.

   For more information, refer to *"Video Player"* on page 64.

Sharing Photos and Videos

Share photos and videos with your friends.

1. Touch **Gallery**.
2. Touch a category and then a group to display thumbnails.
3. Touch **Menu** ➔ **Select item**.
4. Touch one or more photos and videos to highlight them for sharing.
5. Touch **Share via**.
6. Touch an option, such as Email, and follow the on-screen instructions.

Camera

Use your device's built-in camera and camcorder to take photos and record videos.

To access Camera:

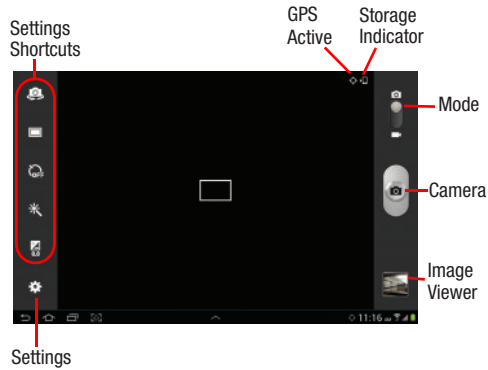
1. From a Home screen, touch **Apps** ➔ **Camera**.
   If a memory card is inserted, the Storage location pop-up displays.
2. Touch **OK** to change the storage location to memory card.

– or –

Touch **Cancel** to use the device storage for storing pictures and videos.

Note: If memory card storage is used, photos are stored in the /storage/extSdCard/DCIM/Camera folder as jpg files. For more information, refer to *"My Files"* on page 103.

The Camera screen displays.



Taking Photos

To take a photo:

1. Touch **Camera**.
2. Using the display as a viewfinder, compose your photo by aiming the lens at the subject.

   To configure settings, see *"Camera Settings"* on page 71.
3. To take the photo, touch the **Camera** button.
4. Touch **Back** to leave the Camera and display the previous screen.

Important! Do not take photos of people without their permission.

Do not take photos in places where cameras are not allowed.

Do not take photos in places where you may interfere with another person's privacy.

Camera Settings

Before you start taking photos, use the camera settings to configure the camera for best results. Camera settings are represented by icons on the left side of the screen.

Editing Camera Settings Shortcuts

The first five icons are actually shortcuts to camera settings. These five shortcuts can be customized to fit your preference.

Self-portrait, **Shooting mode**, **Timer**, **Effects**, and **Exposure value** are default settings shortcuts.

To customize these shortcuts:

1. Touch **Settings** ➔ **Edit shortcuts**.

   – or –

   Touch and hold any of the shortcut icons to edit them.
2. Touch and hold a setting, then drag and drop it on one of the five settings shortcuts to the left. The replaced setting shortcut displays in the edit list.

Configuring Camera Settings

To configure Camera settings:

- While in Camera mode, touch a settings shortcut or touch **Settings** to configure the following camera settings:
  - **Edit shortcuts**: Customize your settings shortcuts. For more information, refer to *"Editing Camera Settings Shortcuts"* on page 71.
  - **GPS tag**: Enable or disable tagging of photos with your GPS location. displays on the screen when this option is active.

Caution! Be aware that your location may be present on a photo when posting your photos on the Internet.

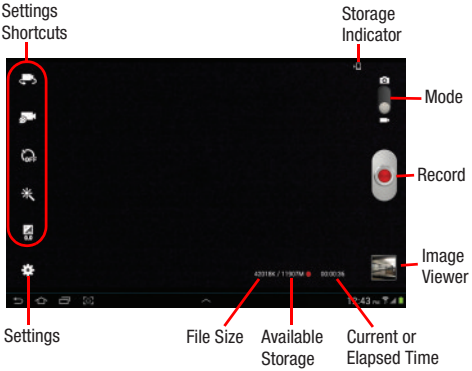
  - **Self-portrait**: Touch to switch to the front-facing camera lens and take a photo of yourself.
  - **Shooting mode**: Choose an automatic shooting mode. Options are: Single shot, Panorama, Share shot, and Smile shot.
  - **Effects**: Apply an effect to photos.
  - **Scene mode**: Choose a mode to match the kind of pictures you want to take.
  - **Exposure value**: Use the slider to set the exposure value from -2.0 to +2.0.
  - **Timer**: Set a delay time to wait between touching the Camera button and taking a photo.
  - **Resolution**: Choose a size for the photo.
  - **White balance**: Set the light source.
  - **Metering**: Select a method for measuring light.
  - **Guidelines**: Enable or disable an on-screen grid to aid in photo composition.
  - **Shutter sound**: Enable or disable a shutter sound when you take a photo. Options are: Off or On.
  - **Storage**: Set whether to store your photos on your tablet or on your memory card, if one is installed.
  - **Reset**: Set all Camera settings to the defaults.

Camcorder

Use your device's built-in Camcorder to record high-definition video in 1080p resolution.

1. Touch **Camera**.
2. Slide the **Mode** button to the **Camcorder** setting.

   The Camcorder screen displays.



Recording Videos

1. Touch **Camera**.
2. Slide the **Mode** button to the **Camcorder** setting.
3. Using the display as a viewfinder, compose your shot by aiming the lens at the subject.

   To configure settings, see *"Camcorder Settings"* on page 74.
4. To start recording, touch **Record**.

   During recording, File Size, Available Storage, and Current or Elapsed Time values display. A flashing red dot also displays.
5. To pause recording, touch **Pause**. To stop recording, touch **Stop** .
6. Touch **Back** to leave the Camcorder and display the previous screen.

Important! Do not take videos of people without their permission.
Do not take videos in places where cameras are not allowed.
Do not take videos in places where you may interfere with another person's privacy.

Camcorder Settings

Before you start taking videos, use the camcorder settings to configure the camcorder for best results. Camcorder settings are represented by icons on the left side of the screen.

Editing Camcorder Settings Shortcuts

As with the camera, the first five icons are actually shortcuts to camcorder settings. These five shortcuts can be customized to fit your preference.

Self-recording, **Recording mode**, **Timer**, **Effects**, and **Exposure value** are default settings shortcuts.

To customize these shortcuts, see *"Editing Camera Settings Shortcuts"* on page 71.

Configuring Camcorder Settings

To configure Camcorder settings:

- While in Camcorder mode, touch a settings shortcut or touch **Settings** to configure the following Camcorder settings:
  - **Edit shortcuts**: Customize your settings shortcuts. For more information, refer to *"Editing Camera Settings Shortcuts"* on page 71.
  - **Self-recording**: Touch to switch to the front-facing camera lens and record a video of yourself.
  - **Recording mode**: Set a recording mode. Options are: Normal and Limit for email, which limits the size of the video to 50 megabytes.
  - **Effects**: Apply an effect to videos.
  - **Exposure value**: Use the slider to set the exposure value from -2.0 to +2.0.
  - **Timer**: Set a delay to wait between touching Record and starting recording.
  - **Resolution**: Set a size for the video.

- **White balance**: Set the light source.
- **Guidelines**: Enable or disable an on-screen grid to aid in video composition.
- **Storage**: Set whether to store your videos on your device or on your memory card.
- **Reset**: Set all Camera settings to the defaults.

Using the Image Viewer

After taking a photo or recording a video, use the Image Viewer to view or play, share, or delete your photos and videos.

1. Touch **Image Viewer** to view photos and videos.
2. Touch the screen to show or hide Image Viewer options.
3. For photos, touch the screen with two fingers or double-tap on the screen to zoom all the way in or out. For more information, refer to *"Pinch"* on page 24.
4. Sweep across the screen to display the next or previous photo or video. The current photo or video is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the photo or video it represents.
5. To return to the Camera app, touch **Camera**.
6. To share photos or videos, touch **Share**. Touch an option, such as Email, and follow the on-screen instructions. After using this option, the most recent Share option is displayed in the Application Bar.
7. Touch **Slideshow** to display a slide show of the available pictures and videos.
8. To delete the photo or video being displayed, touch **Delete**.
9. For photos, touch **Menu** to select **Set as** to assign the photo as a Contact photo or a Home screen, Lock screen, or Home and lock screens wallpaper.

   For more information, refer to *"Viewing Photos and Videos"* on page 67.

Note: Photos and videos are stored in the /storage/sdcard0/DCIM/Camera folder as jpg and mp4 files. For more information, refer to *"My Files"* on page 103.

10. To play a video, touch **Play**. Touch **Pause** to pause the video and touch **Resume** to resume playing the video.

Touch **SoundAlive** to set the sound quality.

Touch and drag the white dot on the progress bar to fast forward or rewind the video. Touch the left end of the progress bar to restart the video. Touch the right end of the progress bar to end the video playback.

– or –

To restart the video, touch **Rewind** or to end the video, touch **Fast Forward**.

For more information, refer to *"Video Player"* on page 64.

11. Press **Back** to return to the Camera or Camcorder.

Photo Editor

The Photo Editor application provides basic editing functions for photos that you take on your device. Along with basic image tuning like brightness, contrast, and color, it also provides a wide variety of effects used for editing the photo.

1. From a Home screen, touch **Apps** ➔ **Photo editor**.
2. Touch **Select picture** to edit a photo in your Gallery.

   – or –

   Touch **Take picture** to take a photo with the camera.
3. Touch the photo to load it into the Photo Editor.
4. Use the following Photo Editor controls to edit your photo:

Selection: Touch the selection icon and then touch **Magnetic**, **Lasso**, **Brush**, **Round**, or **Square** to set how to mark an area for cropping, rotating, and so on. Touch to select a single area, to add to a selected area, or to remove part of a selected area.

Selection Size: Set the size of the Grab selection area. Drag the slider from small to large.

Inverse: Select the entire picture except for the selected area.

Undo: Remove the last change.

Redo: Restore a removed change.

Rotate: Rotate a photo to the left or to the right or create a mirror image of the photo.

Resize: Touch and then drag the corners of the photo to resize it.

Crop: Touch to crop (cut-out) an area of a photo.

Color: Set the **Auto adjustment**, **Exposure**, **Saturation**, **Contrast**, **Brightness**, and **Hue** of a photo. You can also make it **Grey-scale** or add a **Temperature** effect.

Effects: Add various effects to your photo, such as **Blur**, **Motion**, **Distortion**, **Filter**, or **Frames**.

Tools: Copy and Paste to another image or to the original image. You can use the Spot healing option.

5. When all updates to the photo have been made, touch **Save**. Use the keyboard to name the edited photo and touch **OK** to save it.
6. While editing a photo, touch **Menu** to display the following options:
   - **Select picture**: Open a new photo for editing.
   - **Take picture**: Open the Camera and take a new photo.
   - **Share via**: Send photos to another device or another person. Touch an option, such as Email, and follow the on-screen instructions.
   - **Set as**: Use this photo as a Contact photo or as a Home and lock screens, Home screen, or Lock screen wallpaper image.

Section 6: Connections

This section describes the various connections your device can make including accessing the Internet with your Browser, Wi-Fi, Bluetooth, and Connecting to your PC.

Browser

Your device is equipped with a full HTML Browser that allows you to access the Internet.

- From a Home screen, touch **Apps** ➔ **Browser**.

Navigating the Internet

The following options are available for Internet navigation.

Command Keys

- Touch **Back** or to return to the previous page.
- Touch and hold **Back** to display browser History.
- Touch **Forward** to go forward to a recent page.
- Touch **Refresh** to reload the current page.

Touching and Dragging

- Touch and drag your finger on the screen to navigate pages and to reposition pages within the screen.

Entering Text in a Field

- While browsing, touch a text field to display the virtual QWERTY keyboard to enter text.

Zoom

- Tap the screen twice to zoom in or out.
- Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen. To zoom in, make an outward motion by sweeping your fingers out.

Tip: For convenient browsing, you can rotate the device to landscape mode.

Selecting Items On a Page

While browsing, use gestures and menus to navigate:

- Touch an item to select it.
- Touch a hyperlink to follow the link.
- Touch and hold on a hyperlink for options.

Using Browser Windows

You can have multiple windows open at one time and easily switch between windows.

1. Touch **Browser**.
2. To open a new window, touch at the top of the screen.
3. To switch to another open window, touch its tab at the top of the screen.
4. To delete an open window, touch the tab at the top of the screen, and then touch .

Entering a URL

Access a website quickly by entering the URL.

1. Touch **Browser**.
2. Touch the **URL** field at the top of the screen, then enter the URL using the virtual QWERTY keyboard.

   As you enter characters, potential matches display.

Note: Use the **Delete** key to clear the URL field, if necessary.

3. Touch a match to complete the URL.

   – or –

   Continue entering characters and touch the **Go** key to load the page.

Creating Bookmarks

While browsing, bookmark a site to quickly access it later.

1. Touch **Browser**.
2. Browse to a website, touch **Add bookmark**, enter the required information, and touch **OK**.

   A gold star displays on the Bookmarked page.

Browser Menu

While viewing a webpage:

- Touch **Menu** for options.

To configure web settings:

- Touch **Menu** ➔ **Settings**.

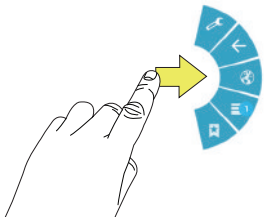
  Follow the on-screen instructions.

Browser Quick Controls

Use Quick Controls to maximize your viewing area while browsing the Internet.

1. Touch **Browser**.
2. While viewing a webpage, touch **Menu** ➔ **Settings** ➔ **Labs**, and then touch **Quick controls** to enable the function.

   The Application and URL bars are hidden.
3. Swipe inward from the left or right edge of the screen to access quick controls.



4. Without lifting your finger, move to an option and then lift your finger to initiate the option.
5. To cancel, display the Quick controls and touch **Settings** ➔ **Labs** and touch **Quick controls** to uncheck it.

Wi-Fi

Wi-Fi is a wireless networking technology that provides access to local area networks. Use your device's Wi-Fi feature to:

- Access the Internet for browsing or to send and receive email.
- Access your corporate network.
- Use hotspots provided by hotels or airports while traveling.

Wi-Fi communication requires access to an existing Wireless Access Point (WAP). WAPs can be Open (unsecured, as with most hotspots) or Secured (requiring you to provide login credentials). Your device supports the 802.11 b/g/n Wi-Fi protocol.

Configuring Wi-Fi Settings

For more information about configuring your device's Wi-Fi settings, see *"Wi-Fi"* on page 113.

Finding Wi-Fi Networks

You can have your device automatically notify you of available networks. For more information, refer to *"Advanced Settings"* on page 114.

Turning Wi-Fi On or Off

Turn your device's Wi-Fi service on or off. When you turn Wi-Fi service on, your device automatically searches for available, in-range WAPs (Wireless Access Points).

Turning Wi-Fi On

1. From any screen, touch the Time in the Status Bar.
   The Status Details displays.
2. Touch **Wi-Fi** to turn Wi-Fi On.

Turning Wi-Fi Off

1. From any screen, touch the Time in the Status Bar.
   The Status Details displays.
2. Touch **Wi-Fi** to turn Wi-Fi Off.

Scanning and Connecting to a Wi-Fi Network

When you turn on Wi-Fi, your device searches for available Wi-Fi connections, then displays them on screen.

1. From any screen, touch the Time in the Status Bar.
   The Status Details displays.
2. Touch **Wi-Fi** to turn Wi-Fi On. Your device automatically scans for available Wireless Access Points.
3. When the scan is complete, touch a Wi-Fi network to connect. If the Wi-Fi network is open, your device automatically connects. If the Wi-Fi network is secured, enter the password at the prompt to connect.

Adding a Wi-Fi Network Manually

1. From a Home screen, touch **Apps** ➔ **Settings.**
2. Under **Wireless and network**, on the Wi-Fi tab, touch the **OFF / ON** icon to turn Wi-Fi on.

3. Touch **Add Wi-Fi network**, then enter network information:
   - **Network SSID**: Enter the name of the Wi-Fi Wireless Access Point (WAP).
   - **Security**: Select the type of security used by the WAP.

Note: Depending on the Security protocol used by the WAP, additional network information may be required, such as a Password.

   - **Password**: If the WAP is secured, enter the password or hex key.
4. Touch **Save** to save the settings.

Kies Via Wi-Fi

Samsung Kies is a software that enables you to update your device firmware, synchronize files, and transfer data to and from your device directly by connecting to the PC.

Note: Some features will be supported through the System Updates feature in the future. For more information, refer to *"Software Update"* on page 144.

To learn more about Samsung Kies and Samsung applications, browse featured applications and download Kies at: http://www.samsung.com/us/support/downloads.

Note: Samsung Kies works on both PC and Macintosh computers.

Connecting With Samsung Kies

1. Install Samsung Kies software on your PC.

Warning! Close any running applications before connecting your device to a PC.

2. Run Samsung Kies.
3. From a Home screen, touch **Apps** ➔ **Settings**.
4. Touch **More settings** ➔ **Kies via Wi-Fi**.
   Select the source of the Wi-Fi connection for Kies air.
5. Follow the prompts from Kies to update your device firmware.
6. Refer to Samsung Kies Help for more information.

Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wi-Fi**.
2. Touch the **OFF / ON** icon to turn Wi-Fi on.
3. Touch **Wi-Fi Direct** to display Available devices.

   Your device begins to search for other devices enabled with Wi-Fi direct connections.
4. Enable Wi-Fi Direct (similar to Steps 1, 2, and 3) on the device to which you want to connect.
5. Once the device you want to connect to is displayed, touch on it.

   An Invitation to connect displays on the device to which you want to connect.
6. On that device, touch **Accept**.

   You have 30 seconds to touch **Accept** on the device to which you want to connect for the connection to be made.

   Once connected, the other device will show as **Connected** in your list of Wi-Fi Direct devices and the icon will display at the bottom of your screen.

Sharing Information with Connected Device

To share videos, photos, or other information with the connected device, follow these steps:

1. View the information that you want to share. For example, if you want to share a photo, find the photo in your camera viewer or **My Files** folder, then touch the **Share, Share via,** or **Send via** option.
2. Touch the **Wi-Fi Direct** option.

   The Wi-Fi Direct settings screen displays, Wi-Fi Direct is turned on, and your device scans for other devices.
3. Touch a connected device name. For example, Android_XXXX.

   The other device displays a pop-up that indicates it is receiving the file.

   The file is transferred and can be found in **My Files** in the ShareViaWifi folder.

Note: Depending on the other device model, the prompts and shared folder information may differ.

Bluetooth

Bluetooth is a short-range wireless communications technology for exchanging information over a distance of about 30 feet.

You do not need to line up the devices to send information with Bluetooth. If the devices are in range, you can exchange information between them, even if they are in different rooms.

Configuring Bluetooth Settings

Configure your device's Bluetooth settings. For more information, refer to *"Bluetooth"* on page 115.

Turning Bluetooth On or Off

To turn Bluetooth on or off:

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Under **Wireless and network**, on the Bluetooth tab, touch the ON **OFF / ON** icon to turn Bluetooth on or off.

Note: When Bluetooth is on, the **Bluetooth** icon displays in the Status Bar.

Pairing with a Bluetooth Device

Search for a Bluetooth device and pair with it to exchange information between your device and the target device.

Tip: After pairing, your device and the target device recognize each other and exchange information without having to enter a passcode or PIN.

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. On the Bluetooth tab, touch the ON **OFF / ON** icon to turn Bluetooth on.
3. Enable the target device's discoverable or visible mode.
4. Touch the **Bluetooth** tab and then touch **Scan**. Touch **Stop** at any time to stop scanning.

5. From the list of found devices, touch the target device, then follow the prompts to complete the pairing:
   - If the target device requires a PIN, enter a PIN for the target device and touch **OK**. When prompted, enter the PIN on the target device.
   - If the device allows automatic or smart pairing, your device attempts to pair with the device automatically. Follow the prompts on your device and the target device to complete the pairing.
6. Once your tablet is paired with the target device, touch next to the device name in the Paired devices list.
   - Touch **Rename** to change the named of the paired device.
   - Touch **Unpair** to unpair from the paired device.

Sharing Data with a Bluetooth Device

To send data to a Bluetooth device:

1. Select a file or item from an appropriate application.
2. Select an option for sharing data with the Bluetooth feature.

Note: The method for selecting an option may vary by data type.

3. Search for and pair with a Bluetooth device. For more information, refer to *"Pairing with a Bluetooth Device"* on page 84.

Receiving Data from a Bluetooth Device

To receive data from a Bluetooth device:

1. Turn Bluetooth on. For more information, refer to *"Turning Bluetooth On or Off"* on page 84.

Note: To select the length of time that your device will be visible, select **Menu** ➔ **Visible time-out**.

2. Pair with the Bluetooth device from which you want to receive data. For more information, refer to *"Pairing with a Bluetooth Device"* on page 84.

   A Bluetooth authorization request pop-up displays when a Bluetooth device sends data to your device.
3. Select **Accept** to confirm that you are willing to receive data.

   A File received message displays.

Received data is saved to the Bluetooth folder. If you receive a contact, it is saved to your contacts automatically.

Managing Downloads

Files, apps, and other items you download in Browser, Gmail, Email, or in other ways, are stored on your tablet's internal storage. You can use the Downloads app to view, reopen, or delete what you have downloaded.

To manage the demands on their networks or to help you avoid unexpected charges, some mobile networks place restrictions on the size of the files you can download. When you are connected to such networks, and you try to download an oversized-file, you are asked or required to delay downloading the file until the next time you are connected to a Wi-Fi network. At that time, the download resumes automatically. The Downloads app can also be used to view and manage these queued files.

Downloaded files are stored in the Download directory in your tablet's internal storage. You can view and copy files from this directory when connected to a computer with a USB cable.

Uninstalling an App

Apps come pre-installed on your device and you can download additional apps from Google Play. If you decide to, you can uninstall apps you downloaded from Google Play and other sources.

There are several ways to uninstall an app:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Application manager**.
2. Touch the **Downloaded** tab.
3. Touch the app you want to uninstall.
4. Touch the **Uninstall** button.

   A pop-up displays the message **Application will be uninstalled.**
5. Touch **OK** to confirm you want to uninstall the app.

You can also use Google Play to uninstall apps you downloaded from there (see *"Play Store"* on page 107).

Tip: To uninstall updates to pre-installed apps, touch the app and touch **Uninstall updates**. A pop-up displays the message **All updates to this Android system app will be uninstalled**. Touch **OK** to uninstall the updates.

To uninstall an app from the Apps screen:

1. From a Home screen, touch **Apps**.
2. Touch **Menu** ➔ **Uninstall** to display the Uninstall screen.

   – or –

   Touch **Downloaded applications** and then touch **Menu** ➔ **Uninstall**.

   A appears on Apps that can be uninstalled.
3. Touch an app's icon and then touch **OK** to uninstall and remove the app from your tablet.

Note: You cannot uninstall the apps that are included with Android. You can only uninstall the apps you have downloaded.

Synchronizing with Windows Media Player

Ensure that Windows Media Player is installed on your PC.

1. Attach your device to the computer with the USB cable.

   Your computer recognizes the connection and displays the AutoPlay screen.
2. Click the option to **Sync digital media files to this device** to synchronize music files.
3. Select and drag the music files you want to the sync list and begin synchronizing.
4. When finished, exit Windows Media Player and disconnect the USB cable.

Connecting as a Mass Storage Device

You can connect your device to a PC as a removable disk and access the file directory. If you insert a memory card in the device, you can also access the files directory from the memory card by using the device as a memory card reader.

Note: The file directory of the memory card displays as folder **Card**, separate from the internal memory, which is folder **Tablet**.

1. Insert a memory card into the device to transfer files from or to the memory card.
2. Attach your device to the computer with the USB cable.
   Your computer recognizes the connection and displays the AutoPlay screen.
3. Click the option to **Open device to view files**.
   You should see a Card and a Tablet folder.
4. Copy files from the PC to the memory card (Card folder).
5. When finished, close the PC folder and disconnect the USB cable.

Memory Card

Your device supports removable microSD or microSDHC memory cards for storing music, photos, videos, and files.

Installing and Removing a Memory Card

For more information about installing and removing a memory card, see *"Memory Card"* on page 12.

Important! To prevent damage to information stored on the memory card, always unmount the card before removing it from the device.

Formatting a Memory Card

Formatting erases all content from the memory card and prepares it for use with your device.

Formatting a Memory Card Using Your Device

1. From a Home screen, touch **Apps** → **Settings** → **Storage**.
2. After mounting the SD card, touch **Format SD card**.
3. Follow the prompts to confirm the formatting of the card.

Formatting a Memory Card Using Your Computer

Consult your computer and/or memory card reader documentation for information about formatting memory cards.

Section 7: Applications

This section contains a description of each application that is available on the Apps screen, its function, and how to navigate through that particular application. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided.

Note: This manual only addresses applications that have been loaded on your device as of the date of purchase. Information concerning third party applications that you may choose to download from the Google Play Store or otherwise should be obtained from the application provider directly.

Updating Applications

Once you have registered your device (see *"Software Update"* on page 144) and signed into your Google account (see *"Setting Up Your Gmail Account"* on page 48), you may see the **Updates Available** notification in the Status Bar if there is a new version of one or more apps available or, when you open an application that is preloaded on your device, an **Update Available** message may be displayed.

To update the applications:

1. Touch the Time / Status Icons area to display the Status Details panel.

   The Status Details display.

2. Touch **Updates available**.

   For more information, refer to *"Updates to Downloaded Apps"* on page 107.

GPS Applications

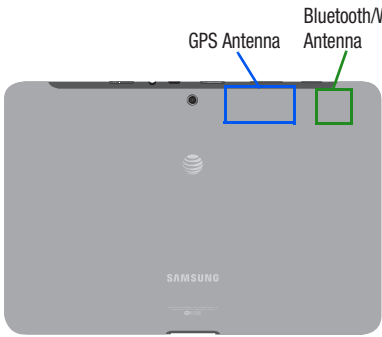
GPS applications allow you to achieve real-time, GPS-enabled, turn-by-turn navigation and to access local searches based on a variety of category parameters.

To receive better GPS signals, avoid using your device in the following conditions:

- inside a building or between buildings
- in a tunnel or underground passage
- in poor weather
- around high-voltage or electromagnetic fields
- in a vehicle with tinted windows

Global GPS turn-by-turn navigation, mapping, and Point of Interest content is available for three continents, including North America (U.S., Canada, and Mexico), Western Europe, and China, where wireless coverage is available.

Location of Internal Antennas



(Back view of device)

Important! If you touch or cover the internal GPS antenna while using GPS services, it may impede the GPS signal resulting in the GPS services not working in an optimal manner. Refer to the following diagram to locate the approximate location of the internal GPS antenna.

Accessing the Apps Screen

To access the Apps screen:

- From a Home screen, touch **Apps**.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens, if it is not there by default. For details, see *"App Shortcuts"* on page 30.

Alarm

Set alarms for reminders or for wake-up times.

Adding and Configuring Alarms

1. From the **Apps** screen, touch **Alarm**.
2. Touch **Create alarm** to display the Create alarm screen.

   – or –

   Touch an existing alarm to display the Edit alarm screen.
3. Touch fields on the screen to configure the alarm.
   - Some fields have preset values. Touch the field and touch the desired value.
   - Other fields have to be input. Touch the field and use the on-screen keyboard to input information.
   - Touching the check box next to some fields may make additional fields available.
4. Touch **Save** to save the alarm.

   The main Alarm screen displays showing the new or updated alarm.

Activating Alarms

1. From the **Apps** screen, touch **Alarm**.
2. Touch **Turn alarm on** to activate the alarm. A gray alarm means the alarm is deactivated.
3. Touch an alarm to change any of its settings and then touch **Save** to save the updates.

Editing and Deleting Alarms

1. From the **Apps** screen, touch **Alarm**.
2. Touch and hold an alarm and then touch one of the following options:
   - **Edit**: Edit the alarm. For more information, refer to *"Adding and Configuring Alarms"* on page 91.
   - **Delete**: Delete the alarm.

   – or –

   Touch **Delete,** touch the existing alarms you want to delete or touch **Select all**, and then touch **Delete**.

Turning Off an Alarm

When the alarm sounds, to turn off the alarm:

- Touch and drag to the right.

Setting the Snooze Feature

To activate the Snooze feature after an alarm sounds:

- Touch and slide to the left. Snooze must first be set in the alarm settings.

AllShare Play

AllShare Play allows your tablet to stream photos, music, and videos from its memory to other DLNA CERTIFIED (Digital Living Network Alliance) devices. Your tablet can also play digital content streamed from other DLNA CERTIFIED devices.

Note: To view more information about DLNA CERTIFIED products visit http://www.dlna.org/home.

Configuring AllShare Play

You must first connect both of your communicating devices to the same Wi-Fi and be using an active and registered Samsung account prior to using this application. For more information, refer to *"Turning Wi-Fi On or Off"* on page 113. Connect to Wi-Fi, configure AllShare Play settings to identify your device as a server, and set treatment of copied files.

Important! The Samsung account manages the access information (username and password) to several applications, such as AllShare Play.

1. Connect to a Wi-Fi network. For more information, refer to *"Scanning and Connecting to a Wi-Fi Network"* on page 81.
2. From the **Apps** screen, touch **AllShare Play**.
   The AllShare Play Sign In screen displays.
3. Touch **Sign in**.
   The Samsung account screen displays.
4. Touch **Create new account**, if you have not set up a Samsung account, or touch **Sign in**, if you have already set up a Samsung account.
   For more information, refer to *"Signing In to your Samsung Account"* on page 138.
   The AllShare Play Start screen displays.

5. Touch **Start**.
   The AllShare Play main screen displays.
6. For more information, touch **Menu** ➔ **FAQ**.

Amazon Kindle

Use the Amazon Kindle application to download books for reading, right on your device.

Note: You must be registered with Amazon to use the Kindle application.

- From the **Apps** screen, touch **Amazon Kindle**.

AT&T AllAccess

AT&T AllAccess is the easy-to-use, all-in-one tool that helps you view and manage your data plan.

1. From the **Apps** screen, touch **AT&T AllAccess**.
   The AT&T AllAccess screen displays.
2. Follow the on-screen instructions to manage your data plan.

AT&T FamilyMap

AT&T FamilyMap provides peace of mind because you can use it to conveniently locate a family member on a map from your wireless device. Plus, AT&T FamilyMap is secure and private. Only authorized users have permission to locate your family members.

1. From the **Apps** screen, touch **AT&T FamilyMap**.
   The AT&T FamilyMap screen displays from the Play Store.
2. Touch **Update** to update the software.
3. If you do not have an account, touch **Create New Account** and follow the on-screen instructions.
   – or –
   If you already have an account, enter your Phone Number and Password in the appropriate fields and touch **Submit**.

Note: For more information, visit http://www.att.com/familymap.

4. Follow the on-screen instructions.

AT&T Navigator

AT&T Navigator provides access to real-time GPS-driven applications. These programs not only allow you to achieve turn-by-turn navigation, but also access local searches.

Important! You must have a data plan to use this feature.

1. From the **Apps** screen, touch **AT&T Navigator**.
   The Terms of Service screen displays.
2. Touch **Full Terms and Conditions** and then touch **Accept**.
3. Use the keypad to enter your AT&T mobile phone number and touch **Continue**.
4. Follow the on-screen instructions.

AT&T Ready2Go

AT&T Ready2Go allows you to quickly and easily set up your Google, Gmail, and email accounts, import contacts, and configure Wi-Fi.

For more information, refer to *"Let's Set Up Your Device"* on page 9.

- From the **Apps** screen, touch **AT&T Ready2Go**.

Browser

Your device includes a full HTML Browser, to access the Internet.

For more information, refer to *"Browser"* on page 78.

- From the **Apps** screen, touch **Browser**.

Calculator

The calculator provides the basic arithmetic functions to solve simple arithmetic problems and advanced operators to solve more complex problems.

1. From the **Apps** screen, touch **Calculator**.
2. Enter the first number using the numeric keys.
3. Enter the operation for your calculation by touching the **+** (add), **-** (subtract), **×** (multiply), or **÷** (divide) key.
4. Enter the next number.
5. To view the result, touch the **=** (equals) key.
6. Repeat Steps 3 through 5 as many times as required.
7. Touch **C** to clear the result.
8. For more advanced problems, rotate your device to landscape mode and use the advanced operators **sin**, **ln**, **cos**, **log**, **tan**, and so on, just as you would on a pocket calculator.

9. Touch and hold entries in the Calculator's display field to copy or cut the contents of the display.

   Copied to clipboard displays. Paste the copied value in another app.

Calendar

Your device includes a powerful Calendar to help you organize your schedules more conveniently and effectively. Learn to create and manage events and tasks, and set alarms to remind yourself of important events and tasks.

1. From the **Apps** screen, touch **Calendar**.
2. Touch a tab to choose a calendar view:
   - **Year**: Display all twelve months of this year. Sweep across the years at the bottom of the screen to display another year.
   - **Month**: Display the current month. Touch a month and year at the bottom of the screen to display another month.
   - **Week**: Display the current week. Touch a week at the bottom of the screen to display another week.
   - **Day**: Display today's schedule by hour. Touch day at the bottom of the screen to display another day.
   - **List**: Display only event and task names and dates for a selected year. Touch a year at the bottom of the screen to display another year. Touch a date to hide or show the event or task name.
   - **Task**: Display your list of tasks. Touch the sort field to change how your tasks are sorted. Tasks can be sorted by due date, priority, date, week, month, or group.
3. Swipe left or right across the screen to view other days or other weeks. Swipe up or down the screen to view other events.
4. To find an event or task, touch **Search**.

   Use the on-screen keyboard to enter a search term. Possible events display as you type.

   Touch on the keyboard to remove it.

   Touch an event to send, edit, or delete the event.
5. Touch **Add event / Add task** and then touch **Done** to add a new event to your calendar. For more information, refer to *"Creating an Event or Task"* on page 96.
6. Touch **Menu** for these options:

- **Zoom in**: In the Week and Day views, increase the size of the area being viewed.
- **Zoom out**: In the Week and Day views, decrease the size of the area being viewed.
- **Go to**: Use the Set date pop-up to enter a date and then touch Set to display that date on your calendar.
- **Delete**: Delete events for the year, month, week, day, week, month, before today, or all events, depending on the Calendar view.
- **Sync**: Manually synchronizes the calendar entries among all of your current accounts, for example, Gmail, Exchange, and so on.
- **Show controls** / **Hide controls**: Show or hide a small month calendar and a list of events in landscape mode.
- **Settings**: Customize the calendar. For more information, refer to *"Calendar Settings"* on page 97.

7. Touch **Today** to return to the current date.
8. Touch **Calendars** to configure which events to display. Touch **Add account** to add additional accounts from which calendar events can be synced.

Creating an Event or Task

To create an event or task:

1. From the **Apps** screen, touch **Calendar**.
2. Double-tap the date for which you want to enter an all day event or task.

   – or –

   Touch the date for which you want to enter an event or task and touch .
3. Touch the **Add event** or **Add task** tab.
4. Enter the event or task information.
5. Touch **Save**.

Managing Events

You can delete, send, and edit events on your mobile device:

1. From the **Apps** screen, touch **Calendar**.
2. Touch an event.

   A pop-up displays event information.

3. Touch **Menu** ➔ **Forward** to forward the event using your primary email account.

   Touch **Menu** ➔ **Share via** and then touch **Bluetooth**, **Email**, **Gmail**, or **Wi-Fi Direct** to share the event.

   Touch **Delete** and then touch **OK** to delete the event.

   Touch **Edit** to update the event details.

   – or –

   Touch **Options** and then touch **Delete**, **Share via**, or **Edit**.

Add Additional Calendar Accounts

To add additional accounts:

1. From the **Apps** screen, touch **Calendar** ➔ **Calendars** ➔ **Add account**.

   – or –

   From the **Apps** screen, touch **Settings** ➔ **Add account**.

   The Add account screen displays.

2. Touch an account type and enter your account information.

Calendar Settings

To set up Calendar preferences:

1. From the **Apps** screen, touch **Calendar**.
2. Touch **Menu** ➔ **Settings**.
3. On the left side of the screen touch **View settings**, **Event notification**, or one of your accounts.

   Options display on the right side of the screen.
4. Touch fields on the screen to configure the Calendar.
   - Some fields have preset values. Touch the field and touch the desired value.
   - Other fields have to be input. Touch the field and use the on-screen keyboard to input information.
   - Touching the check box next to some fields may make additional fields available.

Camera

Take photos and record video with your device's built in Camera.

For more information, refer to *"Camera"* on page 70.

- From the **Apps** screen, touch **Camera**.

Contacts

Store contact information for your friends, family and colleagues, to quickly access information or to send a message.

For more information, refer to *"Contacts"* on page 40.

- From the **Apps** screen, touch **Contacts**.

Downloads

Files, apps, and other items you download in Browser, Email, Gmail, or in other ways, are stored on your tablet's internal storage. Use the Downloads app to view, reopen, or delete what you have downloaded.

1. From the **Apps** screen, touch **Downloads**.
2. Touch an item to open it.
3. Touch headings for earlier downloads to view them.
4. To share one or more items, touch items you want to share, to check them, and then touch **Share via**. Touch an option, such as Bluetooth, and follow the on-screen instructions.
5. Touch items you want to delete, to check them, and then touch **Delete**.

   The items are deleted from your tablet.
6. Touch **Sort by size** or **Sort by date**, at the bottom of the Downloads pop-up, to switch back and forth.
7. Touch **Clear list** to cancel and clear all downloaded items from the download history.

Email

Send and receive email using popular email services.

For more information, refer to *"Email"* on page 49.

- From the **Apps** screen, touch **Email**.

Gallery

Use Gallery to view, capture, and manage photos and videos.

For more information, refer to *"Gallery"* on page 66.

- From the **Apps** screen, touch **Gallery**.

Gmail

Send and receive email with Gmail, Google's web-based email.

For more information, refer to *"Gmail"* on page 48.

- From the **Apps** screen, touch **Gmail**.

Google

Search the internet using the Google search engine.

Tip: Google Search appears by default on all Home screens.

1. From a Home screen, touch **Google**.
   – or –
   From the **Apps** screen, touch **Google**.
2. Use the keyboard to enter search criteria to display matching searches.
   – or –
   Touch and speak the search criteria slowly and clearly. Google searches for the information and displays results.
   Suggestions display below the text entry area.
3. Touch a suggestion to search for that term or touch on the keyboard to start the search.
   A browser window displays the search results.

Google Settings

Use this app to manage your Google settings.

- From the **Apps** screen, touch **Google Settings**.

Google+

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Messenger for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

To get started:

1. From the **Apps** screen, touch **Google+**.
   The Google+ home screen displays.
2. Touch **Menu** ➔ **Help** and then touch a topic to learn more about using Google+.

Local

Google Local is an application that uses Google Maps and your location to help you find destinations, such as restaurants, bars, hotels, attractions, ATMs, and gas stations. You can also add your own locations.

Note: You must enable location services to use Local. Some features require Standalone or Google location services. For more information, refer to *"Location Services"* on page 127.

1. From the **Apps** screen, touch **Local**.
2. Touch **Choose your location** and touch **My current location** or **Enter an address**. To enter an address, use the on-screen keyboard and then touch **OK**.
3. Touch one of the business categories to search for a particular business.
4. Touch a business in the list to see more details about it.
5. Touch your location at the bottom of the Local pop-up to write or view reviews, check in here, and so on.
6. For more information touch **Menu** → **Help**.

Maps

Use Google Maps to find your current location, get directions, and other location-based information.

Note: You must enable location services to use Maps. Some features require Standalone or Google location services. For more information, refer to *"Location Services"* on page 127.

- From the **Apps** screen, touch **Maps**.

Navigating the Map

Zooming

- Double-tap on the screen to zoom in.
- Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen. To zoom in, make an outward motion by sweeping your fingers out.

Tip: Rotate the device to landscape mode for convenient browsing.

Scrolling

- Touch and drag on the screen to reposition the map in the display.

Touch

- Touch an icon on the map to display information about the location. For example, your location is indicated by a flashing icon.

Maps Menu

While viewing a map:

- Touch **Menu** for options.

To launch Google Latitude:

- Touch **Menu** ➔ **Latitude**.

  For more information, refer to *"Latitude"* on page 101.

To configure Maps settings:

- Touch **Menu** ➔ **Settings**.

  Follow the on-screen instructions.

For more information touch **Menu** ➔ **Help**.

Latitude

With Google Latitude, you can see the location of all of your friends on a map or on a list. You can also share or hide your location.

You must first set up your tablet to use wireless networks to help pinpoint your location. Also, Latitude works best when Wi-Fi is enabled. For more information, refer to *"Turning Wi-Fi On or Off"* on page 81.

Latitude also requires that you log on to your Google account. For more information, refer to *"Accounts"* on page 137.

To access the Latitude app:

1. From the **Apps** screen, touch **Maps**.
2. Touch **Menu** ➔ **Latitude**.

   Your location is displayed on the map.

For more information touch **Menu** ➔ **Help**.

Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content.

For more information, refer to *"Media Hub"* on page 55.

Note: Media Hub service requires a Samsung account and depends on service availability.

- From the **Apps** screen, touch **Media Hub**.

Memo

Create and manage text memos and use Bluetooth to send memos to paired Bluetooth devices

Composing a Memo

1. From the **Apps** screen, touch **Memo**.
2. Touch **Create**, compose the memo, then touch **Save** to save.

For more information, refer to *"Entering Text"* on page 34.

Memo Viewing Options

While viewing your Memos:

1. Touch **List** to view your memos in a list mode. Touch an entry in the list on the left to view the memo on the right of the screen.

   – or –

   Touch **Thumbnails** to view your memos in a thumbnail mode.
2. To delete one or more memos, touch **Delete**, select one or all memos, and touch **Delete**.
3. Touch **Menu** for the following options: Share via, Print, or Sync memo.
4. Touch and hold a memo thumbnail or list entry to display the following options: Delete, Lock/Unlock, and Share via.

Memo Options

While viewing a Memo, touch **Memo options** for the following options: Delete, Color, Lock/Unlock, Print, and Share via.

Messages

AT&T Messages brings your texts, calls, and voicemail messages together into a single conversation thread and is accessible by phone or computer.

For more information, refer to *"Messages"* on page 53.

- From the **Apps** screen, touch **Messages**.

Messenger

With Google Messenger, you can bring groups of friends together into a simple group conversation.

For more information, refer to *"Messenger"* on page 54.

- From the **Apps** screen, touch **Messenger**.

Music Player

Play music and other audio files that you copy from your computer.

For more information, refer to *"Music Player"* on page 57.

- From the **Apps** screen, touch **Music Player**.

My Files

Find, view, and manage folders and files, such as music files, photo files, video files, and so on, stored on your tablet. If the file is associated with an application on your device, you can launch the file in the application.

1. From the **Apps** screen, touch **My Files**.
2. Touch a folder and scroll down or up until you locate a file.

Note: You may have to touch one or more subfolders before you encounter files.

3. Touch a file to launch it in the associated application, if the file is associated with an application.
4. While browsing files, use these controls:

Up: Display a higher directory.

Search: Use the keyboard to enter a search term. The current folder is searched and results are displayed. Touch **X** to remove the search field.

Display mode: Enable thumbnails for each file.

– or –

Enable list mode.

Root: Display the root directory.

Add Folder: Add a new folder in the current folder.

Mark files: Touch the box to the left of each file or next to the folder to select all files in the folder. Then touch copy, cut, delete, or send via in the Application Bar.

5. To view a photo file:
   - Touch the file.

   The Gallery app is used to open the photo.For more information, refer to *"Viewing Photos and Videos"* on page 67.
6. To view a video file:
   - Touch the file.

   The Video Player is launched and plays the video. For more information, refer to *"Video Player"* on page 64.

myAT&T

myAT&T allows you to manage your own AT&T account. You can review and pay your bill, check minutes and data usage, upgrade to a new device, or change your rate plan.

Using myAT&T

1. From the **Apps** screen, touch **AT&T**.

   The myAT&T page displays.
2. Touch **Register today** and follow the on-screen instructions to set up a User ID and Password.
3. On the myAT&T screen, enter your **User ID** and **Password** using the on-screen keypad, then touch **Log in**.
4. Use the helpful videos to learn more about myAT&T.

Navigation

Use Google Navigation to find a destination and to get walking or driving directions.

Navigation works best when Wi-Fi is enabled. For more information, refer to *"Turning Wi-Fi On or Off"* on page 81.

Note: You must enable location services to use Navigation. Some features require Standalone or Google location services. For more information, refer to *"Location Services"* on page 127.

- From the **Apps** screen, touch **Navigation**.

Navigation Menu

While viewing a map:

- Touch **Menu** for options.

To configure Navigation settings:

- Touch **Menu** ➔ **Settings**.

  Follow the on-screen instructions.

For more information touch **Menu** ➔ **Help**.

Photo Editor

To perfect any photos stored on your tablet, use Photo Editor to crop, rotate, resize, adjust color and contrast, and much more.

For more information, refer to *"Photo Editor"* on page 76.

- From the **Apps** screen, touch **Photo Editor**.

Play Books

Use the Play Books app to read eBooks from the Internet-based Google Play Books service. Google eBooks is a new way to discover, buy, and enjoy your favorite books online and offline.

- From the **Apps** screen, touch **Play Books**.

  The Google Play Books main screen displays.

Note: You may be asked to create or sign on to your Google account. For more information, refer to *"Setting Up Your Gmail Account"* on page 48.

Play Books Menu

From the Play Books main screen:

- Touch **Menu** for options.

To configure Play Books settings:

- Touch **Menu** ➔ **Settings**.

  Follow the on-screen instructions.

For more information touch **Menu** ➔ **Help**.

Play Magazines

Google Play Magazines helps you subscribe to your favorite magazines so you can have them available to read on your tablet at your leisure.

Play Magazines requires that you log on to your Google account. For more information, refer to *"Accounts"* on page 137.

- From the **Apps** screen, touch **Play Magazines**.

  The Play Magazines Welcome screen displays.

Play Magazines Menu

From the Play Magazines main screen:

- Touch **Menu** for options.

To configure Play Magazines settings:

- Touch **Menu** ➔ **Settings**.

  Follow the on-screen instructions.

For more information touch **Menu** ➔ **Help**.

Play Movies & TV

The Play Movies & TV app is available for select Android devices. Any movie you rent from the Google Play Store can be downloaded for offline viewing through this application. In addition, the Play Movies & TV app can be used to stream your Google Play movie rentals as well as play any of your personal videos stored on your tablet.

1. From the **Apps** screen, touch **Play Movies & TV**.
2. For more information touch **Menu** ➔ **Help**.

Play Music

Play music and other audio files that you copy from your computer.

For more information, refer to *"Play Music App"* on page 62.

- From the **Apps** screen, touch **Play Music**.

Play Store

Google Play Store provides access to downloadable applications and games to install on your device. It also allows you to provide feedback and comments about an application, or flag an application that might be incompatible with your device.

1. From the **Apps** screen, touch **Play Store**.

   If you are not already logged in with your Google account, the Add a Google Account screen displays.

   - Touch **Existing**, if you already have a Google account, or **New** to create a Google account.

     For more information, refer to *"Setting Up Your Gmail Account"* on page 48.

2. The first time you open Play Store, read the Google Play Terms of Service, the Google Music Terms of Service, the Google Books Terms of Service, and the YouTube Rentals Terms of Service, then touch **Accept** to continue.
3. To get help for using Google Play, touch **Menu** ➔ **Help**.

Updates to Downloaded Apps

You can check for new versions of applications by visiting the Google Play Store. Items that have a new version available will say **Update**.

You can also select apps that you would like to be updated automatically. To do this:

1. From the **Apps** screen, touch **Play Store**.
2. Touch **My Apps**.
3. Touch the **INSTALLED** tab to list the Play Store apps installed on your device.

   Update is displayed if there is an update available for the app.

4. Touch an app and then touch **Allow automatic updating** to enable automatic updating.
5. Touch **Open** to open the app on your device.
6. Touch **Update** to immediately update the app on your device.

Polaris Office

This application is a Microsoft Office compatible office suite that provides a central place for managing your documents online or offline.

The application can also open Adobe PDF (Portable Document Format) files.

1. From the **Apps** screen, touch **Polaris Office**.
2. Enter your Email information, if desired, and touch **Register** to complete the process.

   – or –

   Touch **Skip** to ignore this registration.

   The main Polaris Office screen displays.
3. To get help for using Polaris Office, touch **Menu** ➔ **Help** ➔ **User Guide**.

S Suggest

S Suggest recommends popular applications, when your device is connected to a Wi-Fi, that are guaranteed to be compatible with your device.

1. From the **Apps** screen, touch **S Suggest**.

   The Terms and conditions display.
2. Touch the **Agree** check box and then touch **Agree**.

   The S Suggest main screen displays.
3. To get help for using S Suggest, touch **Menu** ➔ **Help and notices**.

Settings

Configure your device to your preferences.

For more information, refer to *"Settings"* on page 113.

- From the **Apps** screen, touch **Settings**.

Smart Remote

Allows you to locate and watch programming on your TV and then control your entertainment system with gestures from the device.

For more information, go to: http://www.peel.com.

Discover and control TV programming right from your device. Lose your remotes, once and for all. Quit scrolling those tiresome grid guides. See what you want, right at your own fingertips: your shows, your controls, your friends.

Peel suggests Top Pick TV shows for you based on what you watch and like. Instead of a long, boring channel grid, Peel presents an easy-to-use mosaic of your favorite shows, filtered by type and genre in the order you like.

1. From the **Apps** screen, touch **Smart Remote**.
   The Samsung Disclaimer displays.
2. Touch **Agree**.
3. Touch **Choose Your Country or Region** and touch your country or region.
4. Follow the on-screen instructions.

Talk

Use Google Talk to chat with other Google Talk users.

For more information, refer to *"Google Talk"* on page 52.

- From the **Apps** screen, touch **Talk**.

Video Editor

Video Editor lets you custom-make your own videos. You can add themes, music, pictures, and other videos to your video.

1. From the **Apps** screen, touch **Video Editor**.
2. Follow the on-screen instructions.

Video Player

View and manage videos stored on your tablet.

For more information, refer to *"Video Player"* on page 64.

- From the **Apps** screen, touch **Video Player**.

Voice Search

To use Voice Search:

1. From the **Apps** screen, touch **Voice Search**.
2. Touch and speak the search criteria slowly and clearly. Google searches for the information and displays results or displays **Retry**.

World Clock

View the date and time in any time zone.

1. From the **Apps** screen, touch **World Clock**.
   A map of the world displays with the locations you have added flagged.
2. Touch **Add city** to add a city to display.
   A list of world cities displays in landscape mode.
3. Scroll through the list and touch the city you want to add.

Tip: Touch the first letter of the city's name, to the right of the list, to find the city more quickly.

– or –

Touch and turn the globe to locate a city and touch the city you want to add.

A pop-up displays the city name, the current time and date there, and the GMT offset.

4. To add the city, touch **Add** on the pop-up.
5. To change the order of the cities, touch **Reorder**. Touch the grid on an entry and drag the entry to a new position in the list. Touch **Done** to change the order.
6. Touch **Delete** to delete entries. Touch the box next to the cities you want to delete so that a check mark displays, then touch **Delete**.
7. Touch and hold an entry to remove it or to set the **DST settings**, which enable or disable Daylight Savings Time adjustments.

YouTube

View and upload YouTube videos right from your device.

- From the **Apps** screen, touch **YouTube**.

To find a YouTube video.

- Touch **Search YouTube** and use the keyboard to enter a keyword or phrase. Touch on the keyboard to initiate the search.

YouTube Menu

From the YouTube main screen:

- Touch **Menu** for options.

To configure YouTube settings:

- Touch **Menu** ➔ **Settings**.

  Follow the on-screen instructions.

For more information touch **Menu** ➔ **Help**.

YPmobile

The Yellowpages Mobile application provides quick and ready access to businesses, map locations, and storage of your favorite searches. This application allows you to tap into local businesses, locations, and events, connecting you to your search in real-time.

1. From the **Apps** screen, touch **YPmobile**.
2. Read the End-User License Agreement (EULA) and touch **Accept** to continue.
3. Your location is found using GPS. Touch **OK** to allow YPmobile to use your current location.
4. Touch the **Find a business nearby!** field, use the on-screen keyboard to enter your search value, and touch **Search**.

   – or –

   Touch one of the displayed shortcuts (Gas Prices, Pizza, and so on). Touch **More Nearby** for even more shortcuts.

   Results display.
5. Touch a location, if more than one displays.

   – or –

   Touch to see the locations marked with pins on a map. Pinch the map screen inwards to zoom out or pinch it outwards to zoom in. Touch a pin to read information about the location.

Zinio

Use the Zinio app to download and read your favorite magazines. You can browse for magazines, download subscriptions or single issues, and sync your magazines on multiple devices.

Note: The first time you use Zinio, you will need to download the updated application from the Play Store. When the Play Store page displays, touch **Update** or **Install** then follow the on-screen instructions. For more information, refer to *"Play Store"* on page 107.

1. From the **Apps** screen, touch **Zinio**.
   Zinio requires that you log on to your Google account. For more information, refer to *"Accounts"* on page 137.

   The Zinio screen displays from the Play Store.
2. Touch **Update** to update the software.
3. Read the Permissions and touch **Accept & download** to continue.
4. Touch **Allow automatic updating** if you want this application to automatically update
   – or –

   Touch **Open** if the application was already installed and updated.
5. Follow the on-screen instructions.
6. For more information touch **Menu** ➔ **Settings** ➔ **Help**.

Section 8: Settings

This section explains Settings for customizing your device.

Accessing Settings

To access Settings:

- From a Home screen, touch **Apps** ➔ **Settings**.

  – or –

  From any screen, touch the Time in the System Bar, then touch **Settings**. For more information, refer to *"Quick Settings"* on page 25.

  The Settings screen displays.

The Settings Screen

The Settings screen has tabs on the left side of the screen. Information related to the tabs displays on the right side of the screen. There are four major groups of settings: Wireless and network, Device, Personal, Accounts, and System.

Wireless and Network

Control your device's wireless connections.

Wi-Fi

Your device supports Wi-Fi b/g/n. Use Wi-Fi settings to manage your device's Wi-Fi connections.

For more information about using your device's Wi-Fi features, see *"Wi-Fi"* on page 80.

Turning Wi-Fi On or Off

When you turn Wi-Fi service on, your device automatically searches for available, in-range Wireless Access Points (WAPs).

- From any Home screen, touch the time, then touch **Wi-Fi** from the Quick Settings menu.

  For more information, refer to *"Quick Settings"* on page 25.

  – or –

  Touch **Settings**. On the Wi-Fi tab, touch the **OFF / ON** icon to turn Wi-Fi on or off.

Scan for Wi-Fi Networks

To make sure you have an accurate list of Wi-Fi networks.

- Touch **Settings** ➔ **Wi-Fi**, and then touch **Scan**.

Add Wi-Fi Network

To open a dialog where you can add a Wi-Fi network by entering its Network SSID (the name it broadcasts), security type, and other properties:

1. Touch **Settings** ➔ **Wi-Fi**, and then touch **Add Wi-Fi network**.
2. Use the keyboard to enter **Network SSID**.
3. Touch the **Security** field and then touch a security type.

Note: Depending on the Security protocol used by the WAP, additional network information may be required, such as a Password.

---

4. If necessary, touch **Password** and enter the password or hex key.
5. Touch **Save**.

Advanced Settings

Set up and manage wireless access points.

1. Touch **Settings** ➔ **Wi-Fi**.
2. Touch **Menu** ➔ **Advanced**.

   The following options display:

   - **Network notification**: Have your device alert you to new Wireless Access Points (WAPs). Touch **Network notification** to turn notifications On or Off. When enabled, a check mark appears in the check box.
   - **Keep Wi-Fi on during sleep**: Specify when to disconnect from Wi-Fi. Option are: Always, Only when plugged in, or Never.
   - **Check for Internet service**: When connected to an AP (Access Point), check whether Wi-Fi internet service is available.
   - **Auto connect**: Automatically connect to a Wi-Fi hotspot when detected.
   - **MAC address**: View your device's MAC address, required when connecting to some secured networks (not configurable).
   - **IP address**: View your device's IP address.

Wi-Fi Direct Settings

You can configure your device to connect directly with other Wi-Fi capable devices. This is an easy way to transfer data between devices. These devices must be enabled for Wi-Fi Direct communication. This connection is direct and not via a hot spot or WAP.

Note: See your service plan for applicable charges for Wi-Fi Direct.

1. Touch **Settings** ➔ **Wi-Fi**.
2. Touch the ON **OFF / ON** icon to turn Wi-Fi on.
3. Touch **Wi-Fi Direct** to display Available devices.

   Your device begins to search for other devices enabled with Wi-Fi direct connections.
4. When scanning is complete, touch a device name to begin the connection process to another Wi-Fi Direct compatible device.

Note: The target device must also have Wi-Fi Direct service active and running before it is detected by your device.

   The direct connection establishes, the status field displays “Connected”, and your connected device is displayed in the Wi-Fi Direct devices listing.
5. Touch **End connection** ➔ **OK** to end the Wi-Fi Direct connection.

For more information, refer to *“Wi-Fi Direct”* on page 83.

Bluetooth

Use Bluetooth settings to manage Bluetooth connections, set your device’s name, and control your device’s visibility.

Turning Bluetooth On or Off

To turn your device’s Bluetooth service On or Off:

- From any Home screen, touch the time, then touch **Bluetooth** from the Quick Settings menu.

  For more information, refer to *“Quick Settings”* on page 25.

  – or –

  Touch **Settings**. On the Bluetooth tab, touch the ON **OFF / ON** icon to turn Bluetooth on or off.

For more information about using Bluetooth to exchange information with other Bluetooth devices, see *"Bluetooth"* on page 84.

Additional Bluetooth Settings

When Bluetooth is on, additional settings are available.

1. Touch **Settings** ➔ **Bluetooth**.
2. Touch **Scan** to scan for nearby discoverable devices. After searching, touch a device to pair with it. For more information, refer to *"Pairing with a Bluetooth Device"* on page 84.
3. Touch **Menu** and select a Bluetooth setting to configure:
   - **Rename device**: Your device's default name displays on screen. Touch to change the device name. Available when Bluetooth is turned On.
   - **Visibility timeout**: Use this setting to control when to automatically turn off the Discoverable option.
   - **Received files**: Show the list of files received by using Bluetooth.

More Settings

This tab displays additional wireless and network information.

- Touch **Settings** ➔ **More settings**.

  Options display for Data usage, Airplane mode, Mobile networks, VPN, Nearby devices, and Kies via Wi-Fi.

Data Usage

From this screen you can view the Wi-Fi or Ethernet data usage.

1. Touch **Settings** ➔ **Data usage**.
2. Touch **Mobile data** to enable or disable the mobile data connection.
3. Touch **Set mobile data limit** to disable your mobile data connection when your specified limit is reached.
4. Touch the **Data usage cycle** drop-down menu and select a date.

   The data usage displays as a visual (chart) and also displays a list of each application with a breakdown of data usage by application.

Note: Data is measured by your device. Your service provider may account for data usage differently.

Airplane Mode

Airplane mode allows you to use many of your tablet's features, such as Camera, Games, and more, when you are in an airplane or in any other area where accessing data is prohibited.

Important! When your tablet is in Airplane Mode, it cannot access online information or applications.

- Press and hold the **Power** button then touch **Airplane mode**.

  – or –

  From a Home screen, touch the time, then touch **Airplane mode** from the Quick Settings menu.

  For more information, refer to *"Quick Settings"* on page 25.

  – or –

  Touch **Settings** ➔ **More settings** ➔ **Airplane mode,** touch the check box, and then touch **OK** to turn on Airplane mode.

  A check mark appears in the check box when Airplane mode is On.

Mobile Networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Mobile networks options.

- Touch **Settings** ➔ **More settings** ➔ **Mobile networks**.

  The following options display:

  - **Mobile Data**: To enable data access over the mobile network, this option must be selected. It is set on by default.

    When enabled, a check mark appears in the check box.
  - **Data Roaming**: Allows you to connect to your service provider's partner networks and access data services when you are out of your service providers area of coverage.

    When enabled, a check mark appears in the check box.

- **Access Point Names**: To use Wi-Fi you need access to a wireless access point (hotspot). Touch **Access Point Names** to display a list of the Access Point names. The active access point displays a green-filled circle to the right of the name.
- **Network Operators**: Using this feature you can view the current network connection. You can also scan and select a network operator manually, or set the network selection to Automatic.

Important! You must deactivate data service prior to searching for an available network.

Touch **Network operators**. The current network connection displays at the bottom of the list.

Note: Connecting to 2G networks slows the data transfer speed and time.

Default Setup Options

Your device default is set to Automatic to automatically search for an available network. You can set this option to Manual to select a network each time you connect.

1. Touch **Network operators**.
2. Touch **Default setup**.
3. Touch **Manual** to locate and connect to a network manually or touch **Automatic** to allow the device to automatically select a network.

VPN

The VPN settings menu allows you to set up and manage Virtual Private Networks (VPNs).

Important! Before you can use a VPN you must establish and configure one.

Adding a VPN

Before you add a VPN you must determine which VPN protocol to use: PPTP, L2TP/IPSec PSK, L2TP/IPSec RSA, IPSec Xauth PSK, IPSec Xauth RSA, or IPSec Hybrid RSA.

Note: You must also set a screen unlock PIN or password before you can use credential storage. For more information, refer to *"Screen Lock"* on page 128.

1. Touch **Settings** ➔ **More settings** ➔ **VPN**.
2. Touch **Basic VPN** ➔ **Add VPN network**.

3. In the form that appears, fill in the information provided by your network administrator.
4. Touch **Save** to save your VPN settings.

Connecting To a VPN

1. Touch **Settings** ➔ **More settings** ➔ **VPN** ➔ **Basic VPN**.
2. Touch the VPN to which you want to connect.
3. In the pop-up that opens, enter any requested credentials.
4. Touch **Connect**.

Edit a VPN

1. Touch **Settings** ➔ **More settings** ➔ **VPN** ➔ **Basic VPN**.
2. Touch and hold the VPN that you want to edit.
3. In the pop-up that opens, touch **Edit network**.
4. Make the desired VPN setting changes.
5. Touch **Save**.

Delete a VPN

1. Touch **Settings** ➔ **More settings** ➔ **VPN** ➔ **Basic VPN**.
2. Touch and hold the VPN that you want to delete.
3. In the pop-up that opens, touch **Delete network**.

Adding an IPsec VPN

1. Before using VPN, you must first set up a screen unlock PIN or password. For more information, refer to *"Screen Lock"* on page 128.
2. Touch **Settings** ➔ **More settings** ➔ **VPN** ➔ **Advanced IPsec VPN**.
3. Touch **Add VPN connection**.
4. Enter a password and touch **OK**.
5. Enter a name for the VPN connection in the **VPN connection name** field.
6. Select a IPsec type from the drop-down menu.
7. Enter any other required information.
8. Touch **Show advanced options** to display additional VPN options.
9. Touch **Save** to save your VPN settings.

Nearby Devices

This option allows you to share your media files with nearby DLNA (Digital Living Network Alliance) enabled devices.

Warning! If file sharing is enabled, other devices can access your data. Use the Wi-Fi network and this option with care.

To configure this option:

1. Touch **Settings** ➔ **More settings** ➔ **Nearby devices**.
2. Touch **File sharing** to turn File sharing on.
   A check mark appears in the check box when File sharing is On.
3. In the Advanced section, set the following options:
   - **Shared contents**: Select the content to share. Choices are: Videos, Photos, and Music.
   - **Device name**: Enter the name for your device. The default is the model number: SAMSUNG-SGH-I497.
   - **Allowed devices list**: Indicate the devices accessible to your device.
   - **Not-allowed devices list**: Indicate the devices not accessible to your device.
   - **Download to**: Set whether to download data to USB storage or SD card.
   - **Upload from other devices**: If a nearby device attempts to upload data, this setting indicates the response.

Kies via Wi-Fi

Kies via Wi-Fi allows you to sync your PC wirelessly with your tablet provided they are both on the same Wi-Fi network. You can view and share videos, photos, music, ringtones, and more.

1. Touch **Settings** ➔ **More settings** ➔ **Kies via Wi-Fi**.
2. Select the source of the Wi-Fi connection for Kies air.

For more information, refer to *"Kies Via Wi-Fi"* on page 82.

Device

This section of the Settings screen contains settings for your device.

Blocking Mode

When enabled, notifications for selected features are disabled.

1. Touch **Settings** ➔ **Blocking mode**.
2. Touch the **OFF / ON** icon ON, to turn Blocking mode **ON**.
3. Touch the check box next to a feature to enable it. Selections are: **Disable notifications** and **Disable alarm**. A check mark appears in the check box when a feature is On.
4. Touch the **Always** field to disable it and configure the **From** and **To** time fields.

Note: When this option is enabled, displays in the Status Bar.

Sound

Volume

Set the volume level for all types of sounds.

1. Touch **Settings** ➔ **Sound** ➔ **Volume**.
2. Touch and drag the sliders to set the volume for:
   - **Music**, **video**, **games**, **and other media**: Sounds made by music apps, video apps, and more.
   - **Notifications**: Sounds for alerts to new messages and other events.
   - **System**: Application sounds and other sounds made by your device.

Tip: You can also set System volume from the Home screen by pressing the Volume Key.

3. Touch **OK** to save your settings.

Notifications

Select a default ringtone for message, alarm, and other notifications.

1. Touch **Settings** ➔ **Sound** ➔ **Default notifications**.
2. Touch a ringtone to hear a sample and select it.
3. Touch **OK** to save the setting.

System

You can activate or deactivate both touch and screen lock sounds.

1. Touch **Settings** ➔ **Sound**.
2. Touch the check box next to any of the following options to activate the feature:
   - **Touch sounds**: Makes a sound when you touch the screen.
   - **Screen lock sound**: Makes a sound when your screen is locked or unlocked.

   A check mark appears in the check box when the feature is enabled.

Display

Wallpaper

You can choose a picture to display on the Home Screen, Lock screen, or to both the Home and lock screens. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

1. Touch **Settings** ➔ **Display** ➔ **Wallpaper**.
2. Touch **Home screen**, **Lock screen**, or **Home and lock screens**.

   The Select wallpaper from screen displays the following options: **Gallery**, **Live wallpapers**, and **Wallpapers**.

For more information, refer to *"Wallpapers"* on page 31.

Brightness

Set the default screen brightness.

1. Touch **Settings** ➔ **Display** ➔ **Brightness**.
2. Touch and drag the slider to set the brightness or touch **Automatic brightness**.
3. Touch **OK** to save the setting.

Screen Timeout

Set the length of delay between the last key press or screen touch and the automatic screen timeout (dim and lock).

1. Touch **Settings** ➔ **Display**.
2. Touch **Screen timeout** and select the screen delay time.

   The screen delays shutting off after inactivity for the selected period of time.

Smart Stay

Set the screen to stay on as long as you look at it.

1. Touch **Settings** ➔ **Display**.
2. Touch **Smart stay**.

   A check mark appears in the check box and the Smart stay pop-up displays more information.
3. Touch **OK** to close the pop-up.

Note: When this option is enabled, displays in the Status Bar.

Font Style and Size

Set the font for screen displays and the size you want it to display.

1. Touch **Settings** ➔ **Display**.
2. Touch **Font style** then touch a font or touch **Get fonts online** to browse and download a new font.
3. Touch **Font size** and select a font size.

Quick Launch

The Quick Launch feature allows you to set the multifunctional softkey (**Screen capture** by default) to open one of several different applications.

1. Touch **Settings** ➔ **Display**.
2. Touch **Quick launch**.
3. Touch **None**, **Screen capture**, **Applications**, **Search**, or **Camera**.

   If you choose Screen capture, touch the softkey to capture an image of the current screen and edit the image. Touch and hold to capture and add an image of the current screen to the clipboard.

The screen image is saved in the /storage/sdcard0/Pictures/Screenshots folder. For more information, refer to *"My Files"* on page 103.

Note: The icon displayed for the softkey is different depending on the setting.

Storage

From this menu you can view the device memory or mount, unmount, or format an SD card.

Device Memory

- Touch **Settings** ➔ **Storage**.

  The Device memory displays as Total space, Applications, Pictures, videos, Audio, Downloads, Miscellaneous files, and Available space.

SD Card

Once a memory card has been installed in your device, the SD card memory displays as Total space and Available space.

Mounting an SD Card

1. Install an SD card. For more information, refer to *"Installing a Memory Card"* on page 12.
2. Touch **Settings** ➔ **Storage**.
3. Touch **Mount SD card**.

Unmounting an SD Card

1. Touch **Settings** ➔ **Storage**.
2. Touch **Unmount SD card**.
3. At the prompt, select **OK** to safely unmount the memory card.
4. Remove the SD card from the slot. For more information, refer to *"Removing a Memory Card"* on page 13.

Note: Unmounting an SD card will stop some applications from functioning. Applications may not be available until you mount the SD card again.

Formatting an SD Card

When formatting an SD card you will want to backup your music and photo files that are stored on the card because formatting the SD card deletes all the stored data.

1. Touch **Settings** ➔ **Storage**.
2. Touch **Format SD card** and then touch **Format SD card** again on the warning screen.
3. Touch **Delete all**.

Power Saving Mode

When enabled, your device automatically analyzes the screen and adjusts the brightness to conserve battery power.

1. Touch **Settings** ➔ **Power saving mode**.
2. Touch the ON **OFF / ON** icon to turn Power saving on or off.
3. Turn Power saving on and touch the Power saving mode settings (**CPU power saving** or **Screen power saving**) to enable or disable them.
4. Touch **Learn about Power saving mode** to display more information about saving power mode.

Battery

See how much battery power is used for device activities.

1. Touch **Settings** ➔ **Battery**.

   The battery level displays in percentage. The amount of time the battery was used also displays. Battery usage displays in percentages per application.
2. Touch **Screen** to view how the display is affecting battery use.

Note: Other applications may be running that affect battery use.

Application Manager

You can download and install applications from Google Play or create applications using the Android SDK and install them on your device. Use Application manager settings to manage applications.

Warning! Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Memory Usage

See how memory is being used by Downloaded or Running applications.

1. Touch **Settings** ➔ **Application manager**.
2. Touch **Downloaded** or **Running** to display memory usage for that category of applications.

   The graph at the bottom of the Downloaded tab shows used and free device memory. The graph at the bottom of the Running tab shows used and free RAM.

Downloaded

Displays apps you have downloaded onto your device.

1. Touch **Settings** ➔ **Application manager**.
2. Touch **DOWNLOADED** to view a list of all the downloaded applications on your device.
3. To switch the order of the lists displayed in the Downloaded tabs, touch **Menu** ➔ **Sort by size** or **Sort by name**.
4. To reset your application preferences, touch **Menu** ➔ **Reset app preferences**.
5. Touch an application to view and update information about the application, including memory usage, default settings, and permissions.

   The following options are displayed:

- **Force stop**: Stops an app that is misbehaving. Restart your device if stopping an app, process, or service causes your device to stop working correctly.
- **Uninstall**: Deletes the application from the tablet.

  For more information, refer to *"Uninstalling an App"* on page 86.
- **Clear data**: Clears application data from memory.
- **Clear cache**: If the app stores data in a temporary area of the device's memory, and the amount of information stored is displayed, touch this button to clearing the temporary storage.
- **Clear defaults**: If you have configured an app to launch certain file types by default, clear that setting.
- **Permissions**: Lists the kinds of information about your device and data to which the app has access.

Running Services

View and control services running on your device.

1. Touch **Settings** ➔ **Application manager**.
2. Touch the **RUNNING** tab.

   All the applications that are currently running on the device display.
3. Touch **Show cached processes** to display all the cached processes that are running. Touch **Show services in use** to switch back.
4. Touch one of the applications to view application information.

   The following options display:

   - **Stop**: Stops the application from running on the device. This is usually done prior to uninstalling the application.

Warning! Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.

- **Report**: Report failure and other application information.

Note: Options vary by application.

Personal

This section of the Settings screen lets you manage the personal settings for your device.

Location Services

You value your privacy. So, by default, your device only acquires your location when you allow it. To use Location-Based Services, you must first enable location services on your device.

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Use wireless networks option or enable the GPS satellites.

1. Touch **Settings** ➔ **Location services**.
2. Touch **Use wireless networks** to enable location information using the wireless network.
3. Touch **Use GPS satellites** to enable the GPS satellite.
4. Touch **Location and Google search** to use your location data for improved Google Search results and other Google services.

Lock Screen

Screen Lock

Choose settings for unlocking your screen. For more information about using the lock and unlock features, see *"Securing Your Device"* on page 14.

1. Touch **Settings** ➔ **Lock screen**.
2. Touch **Screen lock** for these settings:
   - **Swipe**: Swipe the screen to unlock it.
   - **Face unlock**: Look at your tablet to unlock it. Follow the on-screen instructions to set up Face unlock.
   - **Pattern**: A screen unlock pattern is a touch gesture you create and use to unlock your device. Follow the prompts to create or change your screen unlock pattern.
   - **PIN**: Select a PIN to use for unlocking the screen.
   - **Password**: Create a password for unlocking the screen.
   - **None**: No pattern, PIN, or password is required.

Note: Additional options are available only if you set **Screen lock** to display the lock screen (any setting other than **Swipe** or **None**).

With Swipe Lock

Display a lock screen that has to be swiped and then display a lock screen on which the face unlock, pattern, PIN, or password has to be entered.

1. Touch **Settings** ➔ **Lock screen**.
2. Touch the **With swipe lock** check box to activate or deactivate the option.

   When enabled, a check mark appears in the check box.

Lock Screen Options

You can customize the Lock screen with the lock screen options.

1. Touch **Settings** ➔ **Lock screen**.
2. Touch **Lock screen options** and set the following options:
   - **Shortcuts**: Touch the ON **OFF / ON** icon to turn this option on or off. Touch **Shortcuts** to add up to four application shortcuts to the lock screen.
   - **Information ticker**: Set news or stock information ticker on the lock screen. This option requires a Wi-Fi connection.

- **Clock**: Activate or deactivate the Lock screen clock. When enabled, a check mark appears in the check box.
- **Dual clock**: Touch the **OFF / ON** icon to turn this option on or off. This option shows a dual clock on the lock screen when roaming.
- **Weather**: Touch the **OFF / ON** icon to turn this option on or off, which causes weather information to be displayed on the lock screen. This option requires a Wi-Fi connection.
- **Ripple effect**: Shows a ripple effect on the lock screen. When enabled, a check mark appears in the check box.
- **Help text**: Display help text on the lock screen.

Secured Lock Time

Configure this setting to lock the screen after a period of inactivity.

1. Touch **Settings** ➔ **Lock screen** ➔ **Secured lock time**.
2. Select the amount of time of inactivity before the screen locks.

Owner Information

Use this option to enable or disable whether to show owner information on the lock screen.

1. Touch **Settings** ➔ **Lock screen**.
2. Touch **Owner information** and then touch **Show owner info on lock screen** to enable or disable the option.
3. Touch the text field and use the keyboard to enter the text to display on the lock screen and touch **OK**.

Security

Encryption

To require a numeric PIN or password to decrypt your tablet each time you power it on or encrypt the data on your SD card each time it is connected:

1. Touch **Settings** ➔ **Security**.
2. Touch **Encrypt device**. For more information, read the displayed help screen.
3. Touch **Encrypt external SD card** to enable the encryption on SD card data that requires a password be entered each time the microSD card is connected.

Tip: Make sure your battery is charged more than 80 percent. Encryption takes an hour or more.

Factory Data Reset Password

To set up or change a password that will have to be entered to perform a Factory Data Reset:

1. Touch **Settings** ➔ **Security** ➔ **Set up/change password**.
2. Enter a new password and touch **Confirm**.
3. Enter the new password again and touch **Confirm**.

Note: The password does not get reset when a Factory Data Reset is performed.

For more information, refer to *"Factory Data Reset"* on page 137.

SIM Card Lock

Prevent another user from using your SIM card to make unauthorized calls or from accessing information stored on your SIM card by protecting the information using a PIN code.

1. Touch **Settings** ➔ **Security**.
2. Touch **Set up SIM card lock**.
3. Touch **Lock SIM card**, enter your SIM PIN code, and touch **OK**.

Note: You must activate **Lock SIM card** before you can change your SIM PIN code.

4. Touch **Change SIM PIN**.
   - Enter your old SIM PIN code and touch **OK**.
   - Enter your new SIM PIN code and touch **OK**.
   - Re-enter your new SIM PIN code and touch **OK**.

Passwords

When enabled, password characters display briefly as you touch them while entering passwords.

1. Touch **Settings** ➔ **Security**.
2. Touch **Make passwords visible** to enable or disable brief displays of password characters.

   When enabled, a check mark appears in the check box.

Device Administration

1. Touch **Settings** ➔ **Security**.
2. To add or remove device administrators, touch **Device administrators**.
3. To enable or disable installation of non-Google Play applications, touch **Unknown sources.**

   An informational pop-up displays.

   Read the message and touch **OK** to allow installation of non-Google Play applications.

   When enabled, a check mark appears in the check box.

Warning! Enabling this option causes your tablet and personal data to be more vulnerable to attack by applications from unknown sources.

Credential Storage

Trusted Credentials

If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. Touch **Settings** ➔ **Security**.
2. Touch **Trusted credentials**.

   The trusted credentials screen has two tabs:

   - **System**: Displays CA certificates that are permanently installed in the ROM of your device.
   - **User**: Displays any CA certificates that you installed, for example, in the process of installing a client certificate.
3. Touch a CA certificate to examine its details.

   A scrolling screen displays the details.
4. Scroll to the bottom of the details screen and touch **Disable** to disable a System certificate.

Caution! When you disable a system CA certificate, the **Disable** button changes to **Enable**, so you can enable the certificate again, if necessary.

5. Touch **OK** to return to the certificate list.
   When enabled, a check mark appears in the check box.

Install from Device Storage

Install encrypted certificates from an installed memory card.

Note: You must have installed a memory card containing encrypted certificates to use this feature.

1. Touch **Settings** ➔ **Security**.
2. Touch **Install from device storage**, then choose a certificate and follow the prompts to install.

Clear Credentials

Clear stored credentials.

Note: This setting only appears if you have installed encrypted certificates.

1. Touch **Settings** ➔ **Security**.
2. Touch **Clear credentials** to remove all certificates.

Language and Input

Language

Set the language used by your device.

1. Touch **Settings** ➔ **Language and input** ➔ **Language**.
2. Touch a language from the list.

Keyboards and Input Methods

Set the keyboard used by your device.

1. Touch **Settings** ➔ **Language and input**.
2. Touch **Default** and select a keyboard.
   Samsung keyboard is the only selection available for this device.
3. Touch **Set up input methods**.
4. Touch **Google voice typing** to automatically use Google voice typing.

5. Touch next to Google voice typing.

   The following options are available:

   - **Block offensive words**: Enable or disable blocking of recognized offensive words from the results of your voice-input Google searches.

     When enabled, a check mark appears in the check box.
   - **Download offline speech recognition**: Enable voice input while offline. Touch the **All** tab to download speech recognition for other languages.

Configuring the Samsung Keyboard

To configure the Samsung keyboard:

- Touch next to Samsung keyboard to display the following options:
  - **Input language**: Used to set a default text entry language. Touch this field, scroll through the options, and touch the desired input language. When activated, a check appears in the box.
  - **Predictive text**: Enable or disable XT9 predictive text. When enabled the system suggests words matching your text entries, and, optionally, completes common words automatically.

    When XT9 is enabled, touch the **Predictive text** field to set the following options:
    - **Word completion**: Enable or disable automatic word completion for words matching your text entries.
    - **Word completion point**: Choose the number of letters for the system to use to predict words for automatic completion.
    - **Spell correction**: Enable or disable automatic spell checking and correction.
    - **Next word prediction**: When enabled, the system predicts the next word based on common usage patterns.
    - **Auto-append**: When enabled, the most common predicted word is automatically added to your text.
    - **Auto-substitution**: When enabled, the system automatically replaces words you enter with words from the XT9 auto-substitution list.
    - **Regional correction**: When enabled, the system automatically changes the spelling of words based on norms for your locale.
    - **Recapture**: When enabled, the system re-displays matching words when you make corrections to a word inserted by the system.

- **Auto substitution list**: Manage the list of words the system uses for auto-substitution (Auto-substitution setting must be enabled).

- **My word list**: Add words to your XT9 predictive text dictionary.
- **Continuous input**: Enable or disable the Continuous input feature. When enabled, you can enter text by sliding your finger across the keyboard.
- **Handwriting**: Touch to display the following options:
  - **Recognition type**: Set the recognition after each stroke or after completion.
  - **Recognition time**: Set the recognition time to 100, 300, 500, 1000, or 2000 milliseconds.
  - **Pen thickness**: Set the pen thickness to 1, 3, 5, 7, or 9 pixels.
  - **Pen color**: Choose a pen color.
  - **Gesture guide**: Displays examples of the various gestures that can be used to edit handwriting.
  - **Tutorial**: Help for using Handwriting recognition.
  - **About**: Displays information about the handwriting software.
- **Advanced**: Touch to display the following advanced options:
  - **Auto capitalization**: Enable or disable auto-capitalization. When enabled, the system automatically capitalizes words in your text based on common usage, such as at the beginning of sentences.
  - **Auto spacing**: Enable or disable auto spacing. When enabled, spaces are automatically inserted between words.
  - **Auto-punctuate**: Enable or disable automatic insertion of a "full stop" (period and space to end a sentence) by touching the space bar twice.
  - **Character preview**: Check to display an automatic preview of the current character selection within the text string. This is helpful when multiple characters are available within one key.
  - **Key-tap sound**: Check to play a brief sound each time you touch a key on the on-screen keyboard.
- **Tutorial**: Displays help for using the Samsung keyboard and XT9 predictive text.
- **Reset settings**: Reset keyboard settings except XT9 my words and auto-substitution.

Speech

Set the speech settings for Voice search.

1. Touch **Settings** ➔ **Language and input**.
2. Touch **Voice search** to configure:
   - **Language**: Choose a language for your voice input.
   - **Speech output**: Always provides audible readout of text, or only when using Hands-free functions.
   - **Block offensive words**: Enable or disable blocking of recognized offensive words from the results of your voice-input Google searches.
   - **Hotword detection**: When enabled, saying the word Google launches voice search.
   - **Download offline speech recognition**: Enable voice input while offline. Touch the **All** tab to download speech recognition for other languages.
   - **Personalization recognition**: Enable this option to improve recognition quality by tailoring recognition to your voice.
   - **Google Account dashboard**: Manage your collected Google data.
   - **Bluetooth headset**: Record audio through Bluetooth headset, if available.

Voice output provides audible readout of text, for example, the contents of email messages.

1. Touch **Settings** ➔**Language and input**.
2. Touch **Text-to-speech output** and select the preferred TTS engine.
3. Touch next to the preferred TTS engine and configure.
4. Under General, configure the following:
   - **Speech rate**: Set the speed at which the text is spoken.
   - **Listen to an example**: Play a sample of speech synthesis (available if voice data is installed).
   - **Driving mode**: Touch the ON **OFF / ON** icon to enable or disable this option. When enabled, new notifications are read aloud.

     Once enabled, touch **Driving mode** to set which notifications to read aloud. Choices are: New email, Alarm, Schedule, and Unlock screen.

     When an option is enabled, a check mark appears in the check box.

Mouse/Trackpad

This option sets your Pointer speed.

1. Touch **Settings** ➔ **Language and input**.
2. Touch **Pointer speed** then drag the slider to the right to go faster or to the left to go slower.
3. Touch **OK** to save your setting.

Back Up and Reset

You can also back up your data to the Google server and reset your device to its factory defaults.

Back Up My Data

Enable or disable backup of your information to the Google server.

1. Touch **Settings** ➔ **Backup and reset**.
2. Touch **Back up my data** to enable or disable back up of application data, Wi-Fi passwords, and other settings to the Google server.

Backup Account

If you have enabled the **Back up my data** option, then the **Backup account** option is available.

1. Touch **Settings** ➔ **Back up and reset**.
2. Touch **Backup account** and touch your Google Gmail account or touch **Add account** to set your Google Gmail account to be backed up to the Google server.

Automatic Restore

When enabled, backed-up settings are restored when you reinstall an application.

1. Touch **Settings** ➔ **Back up and reset**.
2. Touch **Automatic restore** to enable or disable automatic restoration of settings from the Google server.

Factory Data Reset

Use Factory data reset to return your device to its factory defaults. This setting erases all data from the device, including Google or other email account settings, system and application data and settings, and downloaded applications, as well as your music, photos, videos, and other files. If you reset the tablet in this way, the next time you turn on your tablet you are prompted to reenter the same kind of information as when you first started Android.

1. Touch **Settings** ➔ **Backup and reset**.
2. Touch **Factory data reset**.

   The Factory data reset screen displays reset information.
3. Touch **Reset device**, then follow the prompts to perform the reset.

   If you have set up a Factory Data Reset Password, the Password screen displays and the password must be entered.

   For more information, refer to *"Factory Data Reset Password"* on page 130.

Accounts

Set up and manage accounts, including your Google accounts, Samsung accounts, and email accounts.

Your device provides the ability to synchronize information from a variety of accounts, including Email, Facebook, Google, and your Samsung account. Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

With synchronization, you can ensure that the information on your device is updated with any information that changes in your accounts.

Managing Accounts

To view the accounts you have added:

1. Touch **Settings** ➔ (*account*).

   The (*account*) is either Google, Samsung account, or some other account you have added, such as Email.

   Each of your accounts (Google, Samsung, and so on) are listed under Accounts.
2. Touch **Sync all** to synchronize all accounts listed. Touch **Cancel sync** to stop the synchronization.

3. Touch an account to view the sync settings for that account.
   - Touch **Sync now** to synchronize all data for the selected account.

   – or –

   Touch the account data to synchronize, such as, Calendar, Contacts, and so on.
   - To remove the account, touch **Remove account** and then touch **Remove account** at the prompt to remove the account and delete all its messages, contacts, and other data.
4. For Google accounts, touch one of the items listed under Privacy to view various settings for that item.

   – or –

   For Samsung accounts, touch **Account settings** to manage Samsung account settings.

   – or –

   For Email accounts, touch **Settings** to manage various settings for that account.

Adding an Account

To add a new account:

1. Touch **Settings** ➔ **Add account**.
2. Touch one of the account types.
3. Use the keyboard and follow the prompts to enter your credentials and set up the account.

Tip: For more information about the types of accounts that you can add, see *"Accounts"* on page 40.

Signing In to your Samsung Account

Several applications and options require that you create and sign in to a Samsung Account.

To sign in to your Samsung account:

1. Touch **Settings** ➔ **Add account**.
2. Touch **Samsung account**.

   The Samsung account sign in screen displays.
3. Touch **variety of services** to display information about Samsung services that are available.

4. If you have no Samsung account:
   - Touch **Create new account**.

     The Samsung account **Terms and conditions** screen displays.
   - Touch **Terms and conditions** to view the Samsung Terms and conditions.
   - Touch **Privacy policy** to display the Samsung Privacy Policy.
   - Touch **I accept all the terms above** and then touch **Agree** to continue or touch **Back** to return to the Samsung account screen.

   – or –

   If you do have a Samsung account:

   - Touch **Sign in**.

     The Samsung account screen displays.
5. Use the keyboard to enter the required information and touch **Sign up** or **Sign in**.

Tip: The password is for your Samsung account, not the password you use for the email address you are entering. Plus, you can use only letters, numbers, !, @, $, %, &, ^, and * for your Samsung account password.

The Settings screen displays with Samsung account listed under Accounts.

System

Accessory

Dock

1. Touch **Settings** ➔ **Accessory**.
2. Touch **Dock sound**.

   The tablet will not play sounds when inserting and removing the device from the dock when enabled.

   When enabled, a check mark appears in the check box.

HDMI

To set the HDMI (High-Definition Multimedia Interface) audio setting:

1. Touch **Settings** ➔ **Accessory**.
2. Touch **Audio output**.
3. Touch **Stereo** or **Surround** to set the audio output setting.

Date and Time

By default, your device receives date and time information from the wireless network. When you are outside network coverage, you may want to set date and time information manually using the Date & time settings.

1. Touch **Settings** ➔ **Date and time**.
2. Configure the following settings:
   - **Automatic date and time**: Allows the network to set the date and time.
   - **Set date**: Enter the current date (only available when the Automatic setting is disabled).
   - **Set time**: Enter the current time (only available when the Automatic setting is disabled).
   - **Automatic time zone**: Allows the network to set the time zone.
   - **Select time zone**: Choose your local time zone (only available when the Automatic setting is disabled).
   - **Use 24-hour format**: The tablet default is a 12-hour clock. Use this setting to change to a 24-hour format.
   - **Select date format**: Set the format for date displays.

Accessibility

Accessibility services are special features to make using the device easier for those with certain physical disabilities. Use the Accessibility settings to activate these services.

Note: You can download accessibility applications from Google Play and manage their use here.

System

1. Touch **Settings** ➔ **Accessibility**.
2. Configure the following settings:
   - **Auto-rotate screen**: When this option is checked, the screen orientation changes when you rotate the device. When this option is not checked, the screen orientation locks in the current orientation (landscape or portrait) and the orientation does not change when you rotate the device.

Tip: Touch the Time in the System Bar to display the Quick Settings pop-up. Touch **Screen rotation** to enable or disable the auto-rotate feature. For more information, refer to *"Quick Settings"* on page 25.

- **Screen timeout**: Select the screen delay time the screen delays shutting off after inactivity for the selected period of time.
- **Secured lock time**: Select the amount of time of inactivity before the screen locks.

  Note: The Secured lock time option only appears depending on the Screen lock setting. For more information, refer to *"Screen Lock"* on page 128.
- **Speak passwords**: Speaks passwords to enter them.
- **Accessibility shortcut**: Add a shortcut to Accessibility settings that displays when you press and hold the Power key.

Services

Enable or disable accessibility services.

Note: You must activate **Accessibility** before enabling services.

1. Touch **Settings** ➔ **Accessibility**.
2. Touch **TalkBack** to activate TalkBack.

Note: TalkBack, when installed and enabled, speaks feedback to help blind and low-vision users.

3. Touch the ON **OFF / ON** icon to turn TalkBack on.
4. Touch **Settings** to configure TalkBack.

Important! TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.

Vision

To set vision options:

1. Touch **Settings** ➔ **Accessibility**.
2. Touch **Font size** and touch a font size setting, such as Normal, to set the font size.
3. Touch **Text-to-speech output** and select the preferred TTS engine to set voice output settings.

   For more information, refer to *"Speech"* on page 135.
4. Touch **Enhance web accessibility** and touch **Allow** to allow applications to install scripts from Google that make their Web content more accessible.

Hearing

To set hearing options:

1. Touch **Settings** ➔ **Accessibility**.
2. Touch **Mono audio**.

   When Mono audio is enabled, a check mark appears in the check box and you can listen through one earphone to mono audio sound.
3. Touch **Turn off all sounds**.

   When enabled, a check mark appears in the check box and all sounds including receiver voice are turned off.

Mobility

This option allows you to set the Tap and hold delay time.

1. Touch **Settings** ➔ **Accessibility**.
2. Touch **Tap and hold delay**, and then touch a delay time.

Developer Options

Set options for application development.

1. Touch **Settings** ➔ **Developer options**.
2. Touch the **OFF / ON** icon

at the top of the screen to activate developer options.

Caution! These settings are intended for development use only. They can cause errors to occur on your device and with the applications on your device.

The following options are available:

- **Desktop backup password**: Protect the desktop with a backup password ID.
- **Stay awake**: The display screen does not go into sleep mode while charging.
- **Protect SD card**: Requires apps to ask your permission before accessing data on your SD card.

- **USB debugging**: When enabled, allows debugging when the device is attached to a PC by a USB cable.
- **Allow mock locations**: Used by developers when developing location-based applications.
- **Select app to be debugged**: Allows developers to select a specific application to debug.
- **Wait for debugger**: Specified apps must have debugger attached before executing.
- **Show touches**: Displays touch interactions on the screen.
- **Show pointer location**: Highlights the data that was touched on the screen.
- **Show layout boundaries**: Displays clip bounds, margins, and so on.
- **Show GPU view updates**: Flashes views inside windows when drawn with GPU.
- **Show screen updates**: Areas of the screen flash when they update.
- **Window animation scale**: Configure the scale for animation (ranges from off to 10x).
- **Transition animation scale**: Configure the scale for transitioning when using animation (ranges from off to 10x).
- **Animator duration scale**: Configure the scale for duration when using animation (ranges from off to 10x).
- **Disable hardware overlays**: Assigns the work of rendering to the GPU.
- **Force GPU rendering**: Allows the use of 2D hardware accelerations in applications.
- **Strict mode**: Makes the screen flash when applications perform long operations on the main thread.
- **Show CPU usage**: Screen highlights the current CPU usage.
- **GPU rendering profile**: Uses a 2D acceleration in applications.
- **Enable traces**: Enables/disables on-screen tracing based on an available parameter.
- **Do not keep activities**: Destroys every activity as soon as the application is closed.
- **Limit background processes**: Sets the number of processes that can run in the background.
- **Show all ANRs**: Displays a prompt when applications running in the background are not responding.

About Device

View information about your device, including status, legal information, hardware and software versions, and battery use.

1. Touch **Settings** ➔ **About device**.
2. Touch items to view details:
   - **Software update**: Connect to the network and download new software. For more information, refer to *"Software Update"* on page 144.
   - **Status**: Display the status of the battery, network, and other information about your device.
   - **Legal information**: Display **Open source licenses**, **Google legal**, and **License settings** information.

Tip: To find your device's DivX® registration code and information about registering your device to play DivX protected video, touch **License settings** ➔ **DivX® VOD**.

   - **Model number**: Display your device's model number.
   - **Android version**: Display the firmware version of your device.
   - **Baseband version**: Display the baseband version loaded on this handset.
   - **Kernel version**: Display the kernel version of your device.
   - **Build number**: Display your device's software build number.

Software Update

The Software Update feature enables you to use your device to connect to the network and download any new software directly to your device. The device automatically updates with the latest available software when you access this option.

Software Update Options

To check for a software update:

1. Touch **Settings** ➔ **About device** ➔ **Software update**.

   The AT&T Software update screen displays.
2. Touch **Check for updates**.

   The AT&T Software update screen displays.
3. Touch **OK** to check the AT&T server for new software updates.

   Your device is connected to the server and a search is performed for a software update.

Section 9: Health and Safety Information

This section outlines the safety precautions associated with using your Galaxy Tab. The terms “GALAXY” or “mobile device” are used in this section to refer to your Galaxy Tab.

Read this information before using your mobile device.

Exposure to Radio Frequency (RF) Signals

Although GALAXY is not a cell phone, it can operate on the same network as cell phones and can use the same Radio Frequency (RF) signals to communicate with the network as a cell phone. Therefore, although the following information refers specifically to RF exposure from wireless phones, it may apply similarly to GALAXY when it is being used on a cell phone network.

The U.S. Food and Drug Administration (FDA) has published information for consumers relating to Radio Frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

Do cell phones pose a health hazard?

Many people are concerned that cell phone radiation will cause cancer or other serious health hazards. The weight of scientific evidence has not linked cell phones with any health problems.

Cell phones emit low levels of Radio Frequency (RF) energy. Over the past 15 years, scientists have conducted hundreds of studies looking at the biological effects of the radio frequency energy emitted by cell phones. While some researchers have reported biological changes associated with RF energy, these studies have failed to be replicated. The majority of studies published have failed to show an association between exposure to radio frequency from a cell phone and health problems.

The low levels of RF cell phones emit while in use are in the microwave frequency range. They also emit RF at substantially reduced time intervals when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects.

The biological effects of radio frequency energy should not be confused with the effects from other types of electromagnetic energy.

Very high levels of electromagnetic energy, such as is found in X-rays and gamma rays, can ionize biological tissues. Ionization is a process where electrons are stripped away from their normal locations in atoms and molecules. It can permanently damage biological tissues including DNA, the genetic material.

The energy levels associated with radio frequency energy, including both radio waves and microwaves, are not great enough to cause ionization of atoms and molecules. Therefore, RF energy is a type of non-ionizing radiation. Other types of non-ionizing radiation include visible light, infrared radiation (heat), and other forms of electromagnetic radiation with relatively low frequencies.

While RF energy does not ionize particles, large amounts can increase body temperatures and cause tissue damage. Two areas of the body, the eyes and the testes, are particularly vulnerable to RF heating because there is relatively little blood flow in them to carry away excess heat.

Research Results to Date: Is there a connection between RF and certain health problems?

The results of most studies conducted to date say no. In addition, attempts to replicate and confirm the few studies that have shown a connection have failed.

The scientific community at large therefore believes that the weight of scientific evidence does not show an association between exposure to Radio Frequency (RF) from cell phones and adverse health outcomes. Still the scientific community has supported additional research to address gaps in knowledge. Some of these studies are described below.

Interphone Study

Interphone is a large international study designed to determine whether cell phones increase the risk of head and neck cancer. A report published in the International Journal of Epidemiology (June, 2010) compared cell phone usage for more than 5,000 people with brain tumors (glioma and meningioma) and a similar number of healthy controls.

Results of this study did NOT show that cell phones caused brain cancer. In this study, most people had no increased risk of brain cancer from using cell phones. For people with the heaviest use of cell phones (an average of more than ½ hour per day, every day, for over 10 years) the study suggested a

slight increase in brain cancer. However, the authors determined that biases and errors prevented any conclusions being drawn from this data. Additional information about Interphone can be found at http://www.iarc.fr/en/media-centre/pr/2010/pdfs/pr200_E.pdf.

Interphone is the largest cell phone study to date, but it did not answer all questions about cell phone safety. Additional research is being conducted around the world, and the FDA continues to monitor developments in this field.

International Cohort Study on Mobile Phone Users (COSMOS)

The COSMOS study aims to conduct long-term health monitoring of a large group of people to determine if there are any health issues linked to long-term exposure to radio frequency energy from cell phone use. The COSMOS study will follow approximately 300,000 adult cell phone users in Europe for 20 to 30 years. Additional information about the COSMOS study can be found at http://www.ukcosmos.org/index.html.

Risk of Brain Cancer from Exposure to Radio Frequency Fields in Childhood and Adolescence (MOBI-KIDS)

MOBI-KIDS is an international study investigating the relationship between exposure to radio frequency energy from communication technologies including cell phones and brain cancer in young people. This is an international multi-center study involving 14 European and non-European countries. Additional information about MOBI-KIDS can be found at http://www.creal.cat/programes-recerca/en_projectes-creal/view.php?ID=39.

Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute

The National Cancer Institute (NCI) actively follows cancer statistics in the United States to detect any change in rates of new cases for brain cancer. If cell phones play a role in risk for brain cancer, rates should go up, because heavy cell phone use has been common for quite some time in the U.S. Between 1987 and 2005, the overall age-adjusted incidence of brain cancer did not increase. Additional information about SEER can be found at http://seer.cancer.gov/.

Cell Phone Industry Actions

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the cell phone industry to take a number of steps, including the following:

- Support-needed research on possible biological effects of RF for the type of signal emitted by cell phones;
- Design cell phones in a way that minimizes any RF exposure to the user; and
- Cooperate in providing users of cell phones with the current information on cell phone use and human health concerns.

The FDA also is working with voluntary standard-setting bodies such as the Institute of Electrical and Electronics Engineers (IEEE), the International Commission on Non-Ionizing Radiation Protection (ICNIRP), and others to assure that safety standards continue to adequately protect the public.

Reducing Exposure: Hands-Free Kits and Other Accessories

Steps to Reduce Exposure to Radio Frequency Energy

If there is a risk from being exposed to radio frequency energy (RF) from cell phones - and at this point we do not know that there is - it is probably very small. But, if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your RF exposure.

- Reduce the amount of time spent using your cell phone;
- Use speaker mode or a headset to place more distance between your head and the cell phone.

Hands-Free Kits

Hands-free kits may include audio or Bluetooth® headsets and various types of body-worn accessories such as belt-clips and holsters. Combinations of these can be used to reduce RF energy absorption from cell phones.

Headsets can substantially reduce exposure because the phone is held away from the head in the user's hand or in approved body-worn accessories. Cell phones marketed in the U.S. are required to meet RF exposure compliance requirements when used against the head and against the body.

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used for convenience and comfort. They are also required by law in many states if you want to use your phone while driving.

Cell Phone Accessories that Claim to Shield the Head from RF Radiation

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that accessories which claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hands-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption.

Children and Cell Phones

The scientific evidence does not show a danger to any users of cell phones from RF exposure, including children and teenagers. The steps adults can take to reduce RF exposure apply to children and teenagers as well.

- Reduce the amount of time spent on the cell phone;
- Use speaker mode or a headset to place more distance between the head and the cell phone.

Some groups sponsored by other national governments have advised that children be discouraged from using cell phones at all. For example, The Stewart Report from the United Kingdom made such a recommendation in December 2000. In this report, a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. Their recommendation to limit cell phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (updated 10/1/2010):

- FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/.

- Environmental Protection Agency (EPA): http://www.epa.gov/radtown/wireless-tech.html.
- Occupational Safety and Health Administration (OSHA): http://www.osha.gov/SLTC/radiofrequencyradiation/. (Note: This web address is case sensitive.)
- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/.
- World Health Organization (WHO): http://www.who.int/peh-emf/en/.
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de.
- Health Protection Agency: http://www.hpa.org.uk/Topics/Radiation/.
- US Food and Drug Administration: http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm.

Specific Absorption Rate (SAR) Certification Information

Your wireless mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for Radio Frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC RF exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The RF exposure limit set by the FCC for wireless mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless devices to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC SAR limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the mobile device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be well below the maximum reported value. This is because the mobile device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the mobile device.

Before a new model mobile device is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the SAR limit established by the FCC. Tests for each model mobile device are performed in positions and locations (e.g. near the body) as required by the FCC.

For typical operations, this mobile device has been tested and meets FCC SAR guidelines.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines. The FCC has granted an Equipment Authorization for this mobile device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. This tablet has a FCC ID number: **A3LSGHI497** [Model Number: SGH-i497] and the specific SAR levels for this tablet can be found at the following FCC website: http://www.fcc.gov/oet/ea/.

The SAR information for this device can also be found on Samsung's website: http://www.samsung.com/sar.

SAR information on this and other model mobile devices can be accessed online on the FCC's website through http://transition.fcc.gov/oet/rfsafety/sar.html. To find information that pertains to a particular model mobile device, this site uses the mobile device FCC ID number, which is usually printed somewhere on the case of the mobile device.

Once you have the FCC ID number for a particular mobile device, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular mobile device. Additional SAR information can also be obtained at http://www.fcc.gov/encyclopedia/specific-absorption-rate-sar-cellular-telephones.

FCC Part 15 Information to User

Pursuant to part 15.21 of the FCC Rules, you are cautioned that changes or modifications not expressly approved by Samsung could void your authority to operate the device.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Smart Practices While Driving

On the Road - Off the Tablet

The primary responsibility of every driver is the safe operation of his or her vehicle.

Responsible drivers understand that no secondary task should be performed while driving whether it be eating, drinking, talking to passengers, or using a mobile device - unless the driver has assessed the driving conditions and is confident that the secondary task will not interfere with their primary responsibility. **Do not engage in any activity while driving a moving vehicle which may cause you to take your eyes off the road or become so absorbed in the activity that your ability to concentrate on the act of driving becomes impaired**. Samsung is committed to promoting responsible driving and giving drivers the tools they need to understand and address distractions.

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. For example, only hands-free use may be permitted in certain areas.

Before using your device to chat with friends, consider your circumstances. Let the chat wait when driving conditions require. Remember, driving comes first, nothing else!

If you consider a chat necessary and appropriate, follow these tips:

- Use a hands-free device;
- Secure your mobile device within easy reach;
- Chat when you are not moving;
- Plan chats when your car will be stationary;
- Do not engage in stressful or emotional conversations;
- Let the person with whom you are speaking know that you are driving and will suspend the chat if necessary;
- Do not take notes or look up information while driving;

Notice regarding legal restrictions on mounting this device in an automobile:

Laws in some states may prohibit mounting this device on or near the windshield of an automobile. In other states, the law may permit mounting this device only in specific locations in the automobile. Be sure to consult the state and local laws or ordinances where you drive before mounting this device in an automobile. Failure to comply with these restrictions could result in fines, penalties, or other damages.

Never mount this device in a manner that will obstruct the driver's clear view of the street and traffic.

Never use wireless data services such as Web browsing or e-mail while operating a vehicle.

Never watch videos, such as a movie or clip, or play video games while operating a vehicle.

For more information, go to http://www.ctia.org.

Battery Use and Safety

The battery in GALAXY is not intended to be replaced by the consumer. If you believe the battery is damaged or needs to be replaced, take the GALAXY to a service center for inspection and replacement.

- **Do not let the GALAXY or battery come in contact with liquids**. Liquids can get into the GALAXY's circuits, leading to corrosion. Even when the GALAXY appears to be dry and appears to operate normally, the circuitry could slowly corrode and pose a safety hazard. If the GALAXY and/or battery get wet, have them checked by your service provider or contact Samsung, even if they appear to be working properly.
- **Do not place your battery in or near a heat source**. Excessive heating can damage the GALAXY or the battery and could cause the GALAXY or the battery to explode. Do not dry a wet or damp battery with an appliance or heat source such as a microwave oven, hair dryer, iron, or radiator. Avoid leaving your GALAXY in your car in high temperatures.
- **Do not dispose of the GALAXY or the battery in a fire**. The GALAXY or the battery may explode when overheated.
- **Avoid dropping the GALAXY**. Dropping the GALAXY, especially on a hard surface, can potentially cause damage to the GALAXY. If you suspect damage to the GALAXY or battery, take it to a service center for inspection.
- **Never use any charger or battery that is damaged in any way**.

Important! Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers which are specifically designed for your GALAXY.

WARNING!

Use of a non-Samsung-approved battery or charger may present a risk of fire, explosion, leakage, or other hazard. Samsung's warranty does not cover damage to the GALAXY caused by non-Samsung-approved batteries and/or chargers.

- **Do not use incompatible batteries and chargers**. Some websites and second-hand dealers not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier-recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- **Misuse or use of incompatible batteries and charging devices could result in damage to the equipment and a possible risk of fire, explosion, or leakage, leading to serious injuries, damages to your phone, or other serious hazard**.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile devices and genuine Samsung accessories.

Proper disposal of your mobile device and its battery is not only important for safety, it benefits the environment. Batteries must be recycled or disposed of properly.

For more information about recycling your GALAXY, go to: http://mobile.samsungusa.com/recycling/index.jsp or call 1-800-822-8837 for more information.

To find the nearest recycling location, go to: www.samsung.com/recyclingdirect or call 1-877-278-0799.

Warning! Never dispose of batteries in a fire because they may explode.

UL Certified Travel Charger

The Travel Charger for this mobile device has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines:

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Display / Touch-Screen

Please note the following information when using your mobile device:

WARNING REGARDING DISPLAY

The display on your mobile device is made of glass or acrylic and could break if your mobile device is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

WARRANTY DISCLAIMER: PROPER USE OF A TOUCH-SCREEN MOBILE DEVICE

If your mobile device has a touch-screen display, please note that a touch-screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch-screen may damage the tempered glass surface and void the warranty. For more information, please refer to the “Standard Limited Warranty”.

GPS

GALAXY can use a Global Positioning System (GPS) signal for location-based applications. A GPS uses satellites controlled by the U.S. Government that are subject to changes implemented in accordance with the Department of Defense policy and the 2008 Federal Radio navigation Plan (FRP). Changes may affect the performance of location-based technology on your mobile device.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. The location-based information may be shared with third-parties, including your wireless service provider, applications providers, Samsung, and other third-parties providing services.

Navigation

Maps, directions, and other navigation-data, including data relating to your current location, may contain inaccurate or incomplete data, and circumstances can and do change over

time. In some areas, complete information may not be available. **Therefore, you should always visually confirm that the navigational instructions are consistent with what you see before following them. All users should pay attention to road conditions, closures, traffic, and all other factors that may impact safe driving or walking. Always obey posted road signs.**

Emergency Communication

GALAXY should not be relied upon for essential communications (medical emergencies, calls to 911, or communications to emergency services). GALAXY is not designed or intended to be used for such communications. Voice Over Internet Protocol (VOIP) services which may be used on GALAXY to make phone calls do not support 911 calls and are only intended for talking with friends.

Care and Maintenance

Your mobile device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years:

Keep your Samsung Mobile Device away from:

Liquids of any kind

Keep the mobile device dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits.

If the mobile device does get wet, do not accelerate drying with the use of an oven, microwave, or dryer, because this may damage the mobile device and could cause a fire or explosion. Do not use the mobile device with a wet hand. Doing so may cause an electric shock to you or damage to the mobile device.

Extreme heat or cold

Avoid temperatures below 0°C / 32°F or above 45°C / 113°F.

Microwaves

Do not try to dry your mobile device in a microwave oven. Doing so may cause a fire or explosion.

Dust and Dirt

Do not expose your mobile device to dust, dirt, or sand.

Cleaning solutions

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the mobile device. Wipe it with a soft

cloth slightly dampened in a mild soap-and-water solution.

Shock or vibration

Do not drop, knock, or shake the mobile device. Rough handling can break internal circuit boards.

Paint

Do not paint the mobile device. Paint can clog the device's moving parts or ventilation openings and prevent proper operation.

Responsible Listening

Caution! Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations.

Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cell phones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth® or other wireless devices).

Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound, and distorted hearing. Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings, and equipment.

You should follow some common sense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- Be aware that you can adapt to higher volume settings over time, not realizing that the higher volume may be harmful to your hearing.

- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech, or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300
Reston, VA 20190

Voice: (800) 222-2336
Email: info@audiology.org

Internet:
http://www.audiology.org/Pages/default.aspx

National Institute on Deafness and Other Communication Disorders

National Institutes of Health
31 Center Drive, MSC 2320
Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet:
http://www.nidcd.nih.gov/

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W., Suite 9200
Patriots Plaza Building
Washington, DC 20201

Voice: 1-800-35-NIOSH
(1-800-356-4674)
1-800-CDC-INFO (1-800-232-4636)
Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet:
http://www.cdc.gov/niosh/topics/noise/default.html

1-888-232-6348 TTY

Operating Environment

Remember to follow any special regulations in force in any area, and always switch your mobile device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the mobile device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

Using Your Mobile Device Near Other Electronic Devices

Most modern electronic equipment is shielded from Radio Frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless mobile device. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless mobile device and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the mobile device more than six (6) inches from their implantable medical device when the mobile device is turned ON;
- Should not carry the mobile device in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the mobile device OFF immediately if there is any reason to suspect that interference is taking place;

- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless mobile device with an implantable medical device, consult your health care provider.

For more information see: http://www.fcc.gov/oet/rfsafety/rf-faqs.html#.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your mobile device off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle before using your mobile device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your mobile device off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your mobile device off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch the mobile device off while at a refueling point (service station).

Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

When your Device is Wet

Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately, if applicable (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service center.

Restricting Children's Access to Your Mobile Device

Your mobile device is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the mobile device, or use services that increase your mobile device bill.

Keep the mobile device and all its parts and accessories out of the reach of small children.

FCC Notice and Cautions

FCC Notice

The mobile device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the mobile device if such interference cannot be eliminated. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

Cautions

Any changes or modifications to your mobile device not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers.

The use of any unauthorized accessories may be dangerous and void the mobile device warranty if said accessories cause damage or a defect to the mobile device. Although your mobile device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the mobile device. Faulty service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any mobile devices or related equipment used in your vehicle are securely mounted.

- Check regularly that all wireless mobile device equipment in your vehicle is mounted and operating properly.
- When using a headset in dry environments, static electricity can build up in the headset and cause a small quick static electrical shock. To minimize the risk of electrostatic discharge from the headset avoid using the headset in extremely dry environments or touch a grounded unpainted metal object to discharge static electricity before inserting the headset.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the mobile device, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including installed or portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your mobile device off before boarding an aircraft. The use of wireless mobile devices in aircraft is illegal and may be dangerous to the aircraft's operation. Check with appropriate authorities before using any function of a mobile device while on an aircraft.
- Failure to observe these instructions may lead to the suspension or denial of network services to the offender, or legal action, or both.
- While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.
- Seizures or blackouts can occur when you are exposed to flashing lights while watching videos or playing games for extended periods. If you feel any discomfort, stop using the device immediately.
- Reduce risk of repetitive motion injuries. When you repetitively perform actions, such as pressing keys, drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop use and see a physician.
- If your device has a camera flash or light, do not use the flash or light close to the eyes of people or pets. [122011]

Section 10: Warranty Information

Standard Limited Warranty

What is covered and for how long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants that SAMSUNG's devices and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase by the first consumer purchaser and continuing for the following specified period of time after that date:

Tablet	1 Year
Batteries (Including Internal Batteries)	1 Year
Case	90 Days
Other Tablet Accessories	1 Year

What is not covered?

This Limited Warranty is conditioned upon proper use of Product by Purchaser.

This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to liquid, moisture, dampness, sand or dirt, neglect, or unusual physical, electrical or electromechanical stress; (b) scratches, dents and cosmetic damage, unless caused by SAMSUNG; (c) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (d) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (e) ordinary wear and tear; (f) defects or damage resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (g) defects or damage resulting from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (h) defects or damage resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, theft, blown fuse, or improper use of any electrical source; (i) defects or damage resulting from cellular signal reception

or transmission, or viruses or other software problems introduced into the Product; or (j) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery; (ii) any of the seals on the battery are broken or show evidence of tampering; or (iii) the battery has been used in equipment other than the SAMSUNG Tablet for which it is specified.

What are SAMSUNG's obligations?

During the applicable warranty period, provided the Product is returned in accordance with the terms of this Limited Warranty, SAMSUNG will repair or replace the Product, without charge to Purchaser, or at SAMSUNG's sole option, refund the purchase price.

SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product, or may replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced cases will be warranted for a period of ninety (90) days. All other repaired/replaced Products will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for ninety (90) days, whichever is longer. All replaced Products, parts, components, boards and equipment shall become the property of SAMSUNG. This Limited Warranty is extended to the Purchaser and is not transferable or assignable to any other person or entity.

What must you do to obtain warranty service?

To obtain service under this Limited Warranty, Purchaser must return the Product to an authorized Tablet service facility in an adequate container for shipping, accompanied by the sales receipt or comparable proof of sale showing the original date of purchase, the serial number of the Product and the seller's name and address.

To obtain assistance on where to deliver the Product, please call SAMSUNG Customer Care at 1-800-SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

Purchaser should keep a separate backup copy of any contents of the Product before delivering the Product to SAMSUNG for warranty service, as some or all of the contents may be deleted or reformatted during the course of warranty service.

What are the limits on SAMSUNG's liability?

THIS LIMITED WARRANTY SETS OUT THE FULL EXTENT OF SAMSUNG'S RESPONSIBILITIES, AND THE EXCLUSIVE REMEDY REGARDING THE PRODUCTS. ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY.

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Nothing in the Product instructions or information shall be construed to create an express warranty of any kind with respect to the Products. No agent, employee, dealer, representative or reseller is authorized to modify or extend this Limited Warranty or to make binding representations or claims, whether in advertising, presentations or otherwise, on behalf of SAMSUNG regarding the Products or this Limited Warranty.

This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

What is the procedure for resolving disputes?

ALL DISPUTES WITH SAMSUNG ARISING IN ANY WAY FROM THIS LIMITED WARRANTY OR THE SALE, CONDITION OR PERFORMANCE OF THE PRODUCTS SHALL BE RESOLVED EXCLUSIVELY THROUGH FINAL AND BINDING ARBITRATION, AND NOT BY A COURT OR JURY. Any such dispute shall not be combined or consolidated with a dispute involving any other person's or entity's Product or claim, and specifically, without limitation of the foregoing, shall not under any circumstances proceed as part of a class action.

The arbitration shall be conducted before a single arbitrator, whose award may not exceed, in form or amount, the relief allowed by the applicable law. The arbitration shall be conducted according to the American Arbitration Association (AAA) Commercial Arbitration Rules applicable to consumer disputes. This arbitration provision is entered pursuant to the Federal Arbitration Act. The laws of the State of Texas, without reference to its choice of laws principles, shall govern the interpretation of the Limited Warranty and all disputes that are subject to this arbitration provision. The arbitrator shall decide all issues of interpretation and application of this arbitration provision and the Limited Warranty.

For any arbitration in which your total damage claims, exclusive of attorney fees and expert witness fees, are $5,000.00 or less (“Small Claim”), the arbitrator may, if you prevail, award your reasonable attorney fees, expert witness fees and costs as part of any award, but may not grant SAMSUNG its attorney fees, expert witness fees or costs unless it is determined that the claim was brought in bad faith. In a Small Claim case, you shall be required to pay no more than half of the total administrative, facility and arbitrator fees, or $50.00 of such fees, whichever is less, and SAMSUNG shall pay the remainder of such fees. Administrative, facility and arbitrator fees for arbitrations in which your total damage claims, exclusive of attorney fees and expert witness fees, exceed $5,000.00 (“Large Claim”) shall be determined according to AAA rules. In a Large Claim case, the arbitrator may grant to the prevailing party, or apportion among the parties, reasonable attorney fees, expert witness fees and costs. Judgment may be entered on the arbitrator’s award in any court of competent jurisdiction.

This arbitration provision also applies to claims against SAMSUNG's employees, representatives and affiliates if any such claim arises from the Product's sale, condition or performance.

You may opt out of this dispute resolution procedure by providing notice to SAMSUNG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product. To opt out, you must send notice by e-mail to optout@sta.samsung.com, with the subject line: "Arbitration Opt Out." You must include in the opt out e-mail (a) your name and address; (b) the date on which the Product was purchased; (c) the Product model name or model number; and (d) the IMEI or MEID or Serial Number, as applicable, if you have it (the IMEI or MEID or Serial Number can be found (i) on the Product box; (ii) on the Product information screen, which can be found under "Settings;" (iii) on a label on the back of the Product beneath the battery, if the battery is removable; and (iv) on the outside of the Product if the battery is not removable). Alternatively, you may opt out by calling 1-888-987-4357 no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product and providing the same information. These are the only two forms of notice that will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the benefits of the Limited Warranty.

Severability

If any portion of this Limited Warranty is held to be illegal or unenforceable, such partial illegality or unenforceability shall not affect the enforceability of the remainder of the Limited Warranty.

Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important! Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Samsung Telecommunications America, LLC
1301 E. Lookout Drive
Richardson, Texas 75082

Phone: 1-800-SAMSUNG

Phone: 1-888-987-HELP (4357)

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